JVC

SERVICE MANUAL

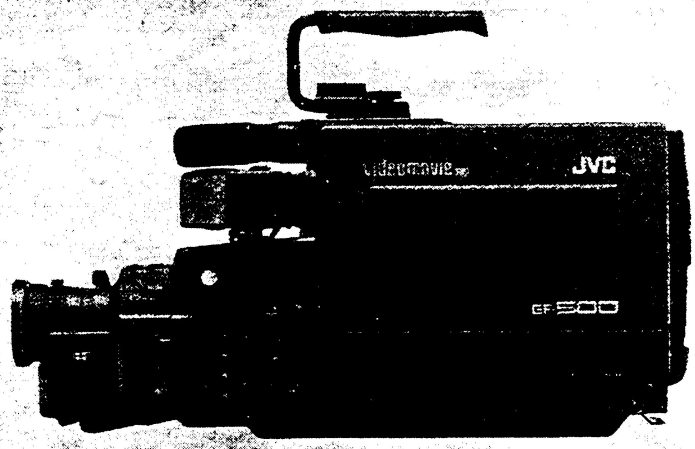
VHS VIDEO MOVIE

GF-500EA

CCD
Charge Coupled Device

AF
AUTO FOCUS

VHS
HQ



SPECIFICATIONS

Format	: VHS standard
Power source	: DC 9.6 V ⎓
Power consumption	: 10 W
Signal system	: PAL Luminance: FM recording Colour: Converted sub-carrier direct recroding Conforms to VHS standard
Cassette tape used	: VHS video cassettes
Tape speed	: 23.39 mm/sec
Maximum recording time	: 240 minutes (with E-240 cassette)
VIDEO	
Output	: 1.0 Vp-p, 75 ohms, unbalanced
Input	: 0.5 to 2.0 Vp-p, 75 ohms, unbalanced
S/N ratio	: 43 dB (with Rohde & Schwarz noise meter)
AUDIO	
Output level	: -6 dBs, high impedance load
Output impedance	: Less than 1 k-ohm, unbalanced
Input	: -8 dBs, more than 50 k-ohms, unbalanced
Microphone input	: -68 dBs, high impedance, unbalanced
BGM input	: -8 dBs, high impedance unbalanced
Pickup	: 1/2"-format field storage CCD (300,000 pixels effective/ 320,000 in total)
Minimum required illumination	: 7 lux (at F/1.4)
Illumination range	: 7 – 100,000 lux
Viewfinder	: Electronic viewfinder with 0.7" black/white CRT
Lens	: F/1.4, f = 8.5 – 68 mm, 8:1 two-speed power zoom lens with macro position, filter diameter of 52 mm
Color temperature switching	: Switchable (3,200 K/4,500 K/ 5,500 K)
White balance adjustment	: Full-auto/preset standard
Iris	: Center-weighted auto-iris with backlight compensation
Focus	: Image Sensing auto-focus (auto/manual switchable)
Exclusive micro-phone	: Unidirectional condenser microphone
Multiple-speed shutter	: Switchable (1/50, and 1/1000 second)
Operating temperature	: 0°C to 40°C
Operating humidity	: 35 % to 80 %
Storage temperature	: -20°C to 50°C
Dimensions	: 131(W) x 213(H) x 399(D) mm (incl. viewfinder and carrying handle)
Weight	: 2.5 kg (with viewfinder)

AA-V5EA SPECIFICATIONS

Power requirement	: AC110 – 240 V~, 50/60 Hz
Power consumption	: 21 watts
Output	: DC 14 V ⎓ 1.1A (Charge) DC 9.6 V ⎓ 1.2A (VideoMovie
Charging system	: Constant current, peak detection, timer controlled
Dimensions	: 68(W) x 38(H) x 150(D) mm
Weight	: Approx. 380 g

Provided accessories:

AC power adapter/battery charger AA-V5EA
Battery pack BN-V6GU
RF converter (with antenna cable) RF-V3EA
Carrying handle
Shoulder strap
Lens cap
Lithium battery for clock operation
Title easel (holder)

Design and specifications subject to change without notice

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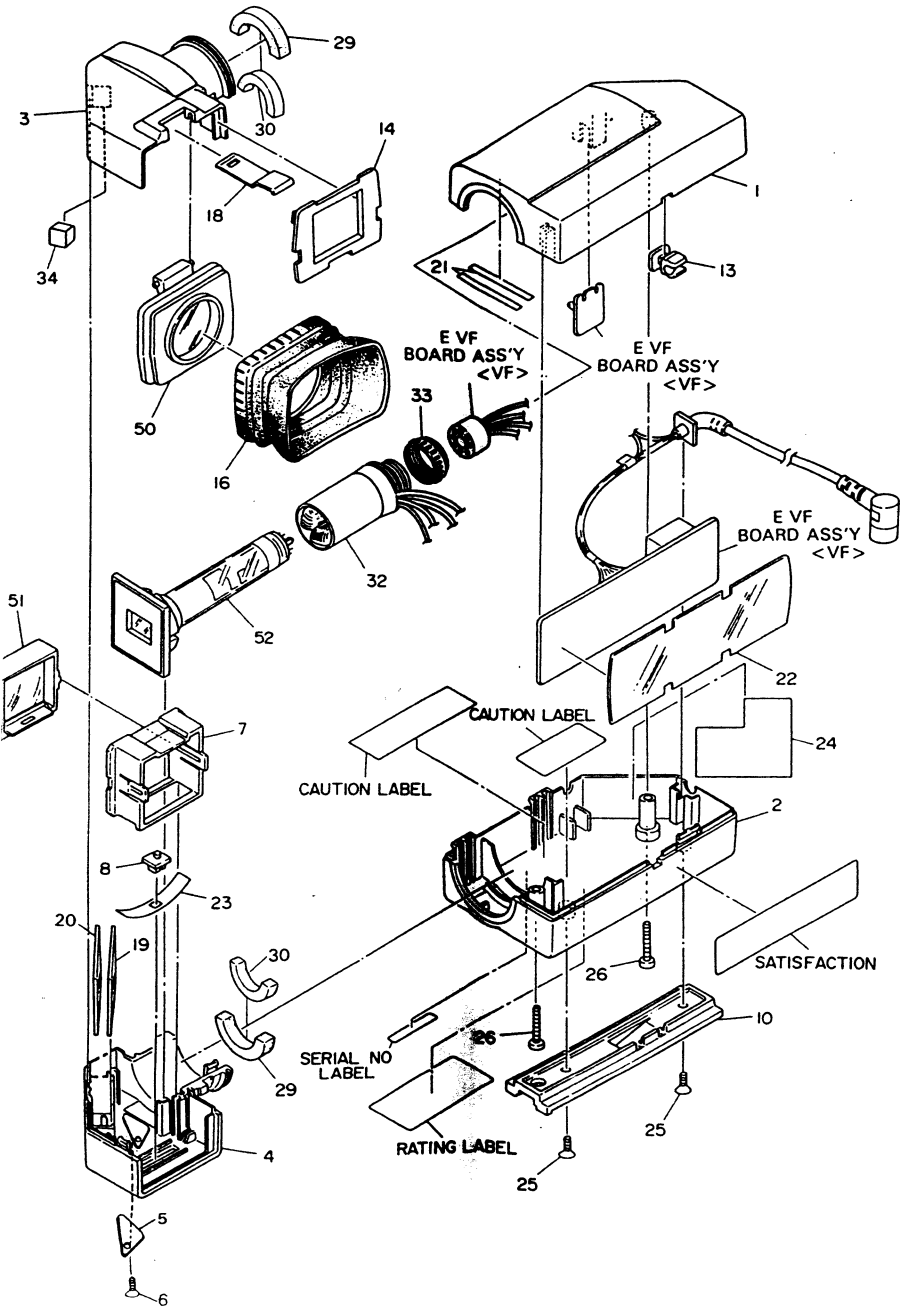
No. 86089
July 1989

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION

FINAL ASSEMBLY <M2>

⚠	1	YQ10129D-6	LOWER CASE ASSY
	1A	YQ30461	BUTTON(RETAKE)
	1B	YQ30463	BUTTON(FOCUS)
	1C	YQ41175-2-2	BUTTON(S.TRIG.)
	1D	YQ30464-1-2	BUTTON(DISPLAY)
		YQ41365	SHIELD PLATE
	1E	YQ41217	SHEET(TRACK)
	1F	YQ40827	INSULATOR
	1G	YQ30465-5	FACE PAD
	1H	YQ41176-1-1	INDICATOR
	1I	YQ41177-1-3	SHEET(DISPLAY)
	1J	YQ40594-1-2	SHOULDER PAD(L)
	1K	YQ40595-1-4	OPERATION UNIT BRACKET(1)
	1L	SDSF2606Z	SCREW,X2
	1M	YQ30462	BUTTON(FADER)
	1N	YQM30029-22	SPACER
	2	YQ41178-1-1	KNOB(POWER)
	3	YQ41179-1-1	KNOB(REC TIME)
	4	YS40074B	E.VF CONN.ASSY
	5	YQM30032-9	SCREW
	6	SDSP2606D	SCREW,X2
	7	YQM30032-30	SPECIAL SCREW,M2.6X6
	8	YQM30032-3-2	SPECIAL SCREW,M2X5
	9	SSSP2606D	SCREW,X2
⚠	10	YQ30466A-2	FRONT COVER ASSY
	10A	YQ30477-1-2	BUTTON(TITLE)
	10B	YQ41198-1-2	BUTTON(T.ON/OF)
	10C	YQ41199	SHEE(TITLE)
	10D	YQ41365	SHIELD PLATE
	11	SDSP2606D	SCREW,X2
	12	YQM30032-3-2	SPECIAL SCREW,M2X5
	13	YQM30032-31	SPECIAL SCREW,M2.6X16
	14	SDSF2005Z	SCREW,X2
⚠	15	YQ20112N-4	TOP COVER ASSY
	15A	PU49485-3	WIRE CLAMP
	15B	SDSF2605D	SCREW,X2
	16	SDSP2606D	SCREW,X3
	17	YQ40607	MIC COVER
	18	SDSF2606D	SCREW
⚠	19	YQ30479C-1	FRONT PANEL ASSY
	19A	YQ41200	BRACKET(F.PANEL)
⚠	20	YQ20129N-8	CASSETTE COVER ASSY
	21	SDSP2606D	SCREW,X2
⚠	22	YQ10077M-10	BATTERY BASE ASSY
	22A	YQ30098-29	FINGER REST
	22B	SDSF2006Z	SCREW,X2
	22C	YQ20169G-2	GRIP BELT ASSY
	22D	SSSP2006D	SCREW,X2
	22E	ML-Y00121B	TERMINAL WIRE ASSY
	23	YS40004C	DC.JACK ASSY
⚠	24	YU30176	BATTERY BASE SHEET
	25	YU40204-2	ZOOM SWITCH
	26	SSSF2612D	SCREW,X4
	27	YQ40418-2	ALARM KNOB
⚠	28	YQ10078N-9	UPPER CASE ASSY
	28A	YQ40593-2	SHOLDER PAD(U)
	28B	YQ30548	SHIELD PLATE
	28C	YQM30029-10	SPACER
	29	SSSF2612D	SCREW
	30	SDSP2606D	SCREW,X3
	31	SSSP2606D	SCREW,X4
	32	YQM30032-3-2	SPECIAL SCREW,M2X5
	33	YQM30032-30	SPECIAL SCREW,M2.6X6
	34	YQ30210A-2	BACK-UP BATTERY HOLDER ASSY
	35	YQM30032-9	SPECIAL SCREW,M2.6X6
⚠	36	YQ30226	BACK-UP BATTERY COVER
⚠	37	YQ20201-3-4	OPERATION UNIT
	37A	YQ40596-2-4	OPERATION UNIT BRACKET(2)
	38	SDSP2606D	SCREW,X2
	39	SDSF2606Z	SCREW
	40	YQ41202	SHOE
	41	SSSP2606D	SCREW,X2
	42	PQ42722	SHOE CLIP
	43	PU53946-2-1	SHOE SCREW
	44	YU40630	MICROPHONE
	44A	YU40630-001	WIND SCREEN
	45	SDSF2606Z	SCREW,X2
	46	YQ20130B-4	BASE ASSY
	46A	YQ30253A-1	BASE BLOCK
	46B	YQM30032-9	SPECIAL SCREW,X3,M2.6X6
	46C	YQ41203	HOOK(SHOULDER)
	46D	SDSP2606Z	SCREW,X2
	46E	YQ41400	SHEET(BOTTOM)
	47	SDST2605Z	SCREW,X3
	50	YQ30090-1-1	TRGGER BOARD STOPPER
	51	YU41163-1	FLAT WIRE
	or	YU41188-1	FLAT WIRE(3)
	52	YU41186	FLAT WIRE(1)
	or	YU40544-3	FLAT WIRE(2)
	53	YQ30209B	VF HOLDER ASSY
	54	YQM30032-11-2	SCREW,X5
	55	SDSF2606Z	SCREW
	57	YQ40806-1-1	GUIDE BRACKET
	58	YQ10128B	CARRYING HANDLE
	60	YQ30205-1-4	MAIN DECK BRACKET
	61	SDST2605Z	SCREW,X3

E VF ASSEMBLY <M5>



⚠	REF. No.	PART No.	PART NAME, DESCRIPTION

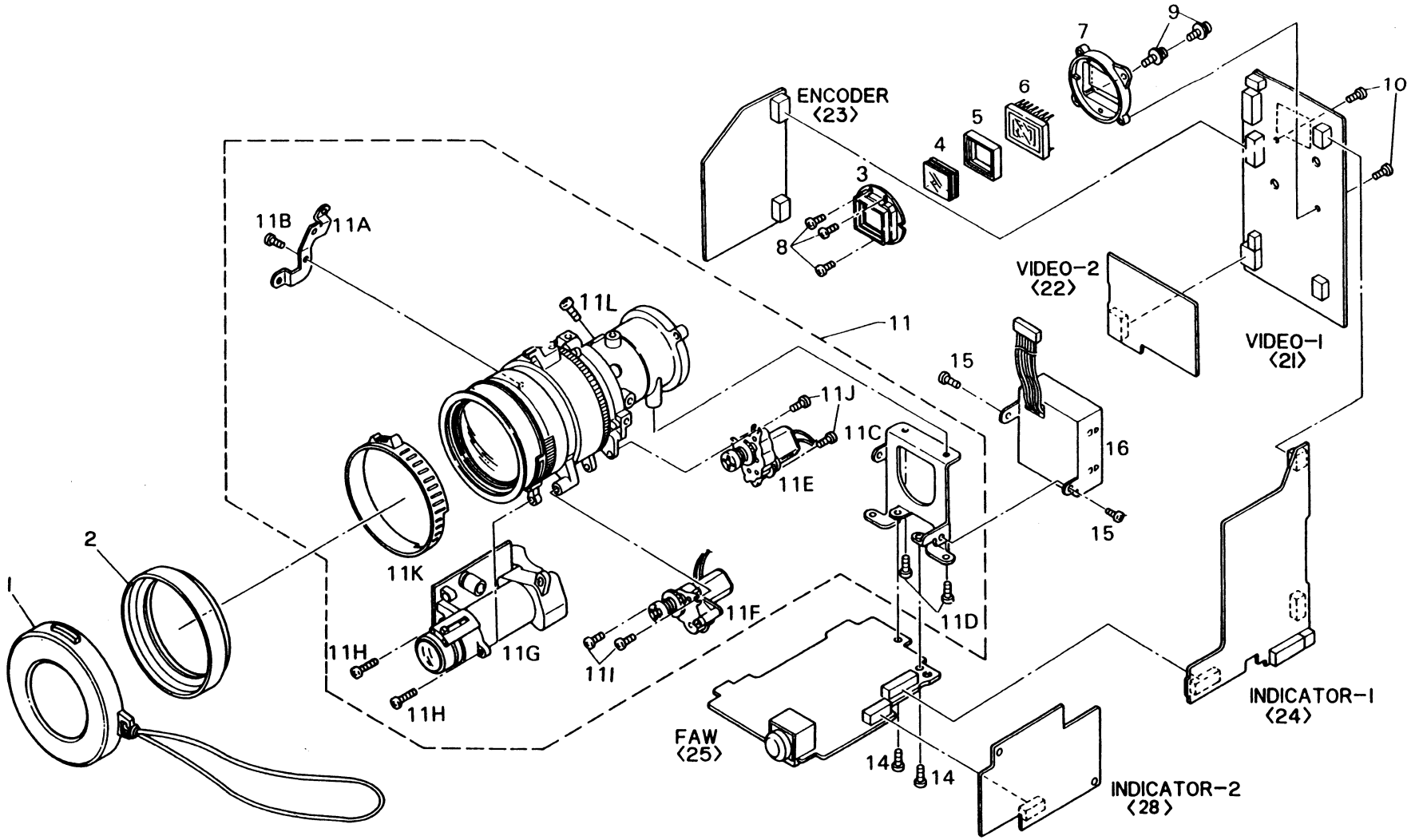
ELECTRICAL VIEWFINDER ASSEMBLY <M5>

1	YU30309-204	TOP CASE
2	YU30309-002	BOTTOM CASE
3	YU30309-003	CRT TOP CASE
4	YU30309-004	CRT BOTTOM CASE
5	YU30309-005	CRT BOTTOM COVER
6	YU30309-007	SCREW,M2X4
7	YU30034-006	SLIDE HOLDER
8	YU30034-008	SLIDE KNOB
10	YU30034-010	SHOE
13	YU30034-013	WIRE CLAMP
14	YU30034-014	COVER
16	YU30034-016	EYE CAP
18	YU30034-018	LENS SPRING
19	YU30034-019	MIRROR
20	YU30309-008	INSULATOR
21	YU30034-021	LEAF SPRING,X2
22	YU30034-048	INSULATOR
23	YU30034-023	SLIDE SEAT
24	YU30034-033	INSULATOR
25	YU30034-024	SCREW,X2 M2.5X5.5
26	YU30034-025	SCREW,X2 M2.5X12
29	YU30034-028	SOFT TAP,(L)X2
30	YU30309-009	SOFT TAP,(S)X2
32	YU30309-031	DEFLECTION YOKE
33	YU30034-034	SCREW
34	YU30034-038	SOFT TAPE
50	YU30034-050	LENS HOLDER ASSEMBLY
51	YU30034-051	LENS CASE ASSEMBLY
52	YU30309-052	CRT MASK ASSEMBLY

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION

OPTICAL BLOCK ASSEMBLY <M6>

	1	YQ40822A	HOOD CAP ASSY
	2	YU40692	HOOD
	or	YU40935	HOOD
	3	YQ30096	OPTICAL LPF HOLDER
	4	YU40907	OP LPF
	5	PQ42339	SPACER RUBBER
⚠	6	LZ2121J1	IC(CCD)
	7	YQ30043	IMAGER HOLDER
	8	SPSK2004F	MINI SCREW,X3
	9	DPSP2008Z	SCREW,X2
	10	SPSP2004Z	SCREW,X2
⚠	11	YU40936-5-3	OPTICAL BLOCK ASSY
	11A	YQ41201-1-1	BKT(LENS)
	11B	SDSF2605Z	SCREW
	11C	YQ40431-1-2	OP BRACKET
	11D	SDSF2605Z	SCREW,X2
	11E	YU40693-002	ZOOM MOTOR UNIT
	11F	YU40693-003	AF MOTOR UNIT
	11G	YU40693-004	AF UNIT
	11H	YU40693-005	SCREW,X2 M1.7X6
	11I	YU40693-006	SCREW,X2 M1.7X4
	11J	YU40693-006	SCREW,X2 M1.7X4
	11K	YU40693-009	RUBBER
	11L	YU40693-010	SCREW,M2.X5.5
	14	SPSH1730Z	SCREW,X2
	15	SPSH1730Z	SCREW,X2
	16	YU40838-02	DC-DC CONVERTER


ENCODER
〈23〉
VIDEO-2
〈22〉
VIDEO-1
〈21〉
INDICATOR-1
〈24〉
INDICATOR-2
〈28〉
FAW
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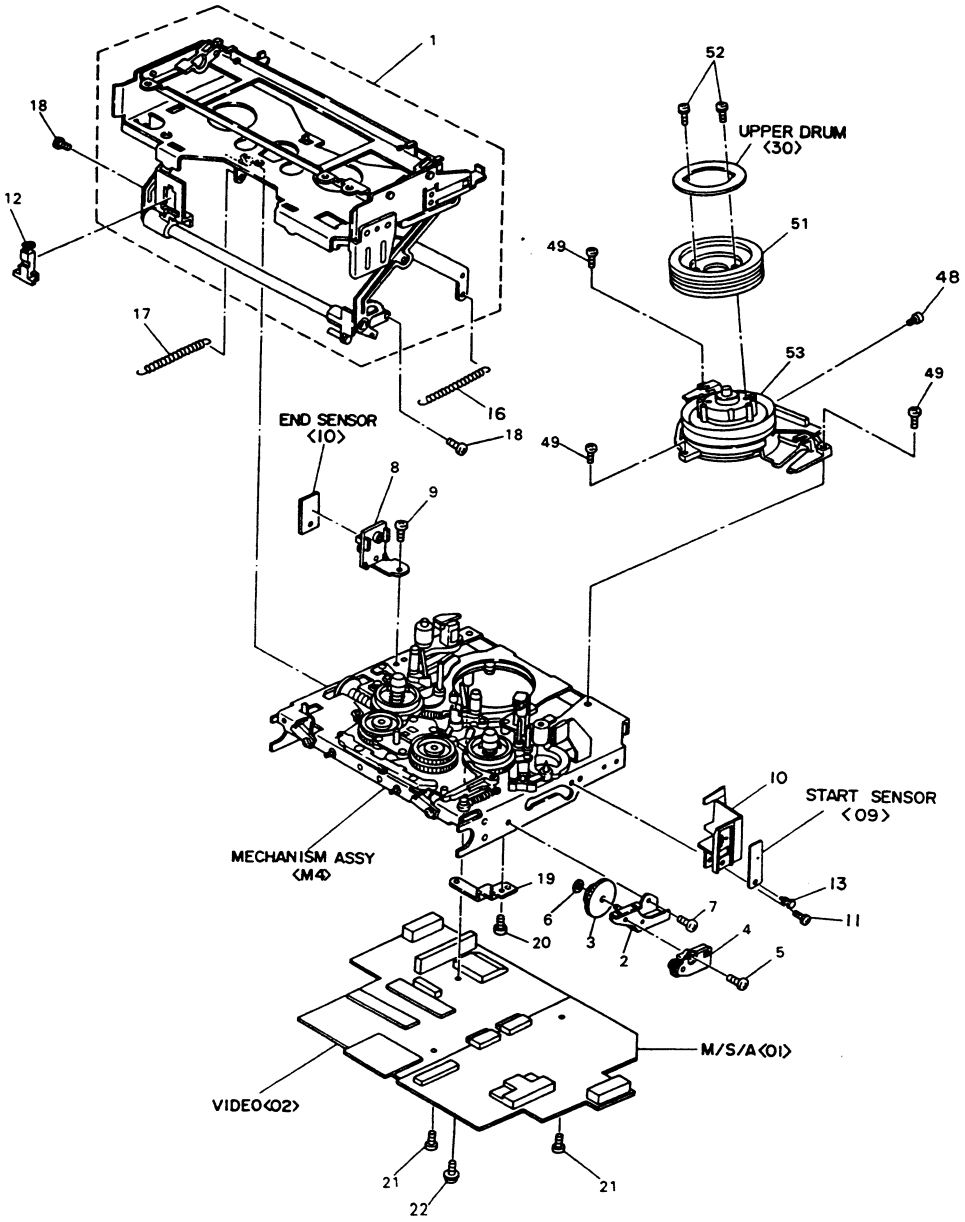
6.4 CHASSIS ASSEMBLY <M3>



△ REF. No.	PART No.	PART NAME, DESCRIPTION

CHASSIS ASSEMBLY <M3>

1	YQ20226A-3	CASSETTE HOUSING ASSY
2	YQ40636A-3	DAMPER BRACKET ASSY
3	YQ40298	DAMPER GEAR
4	PU56781	DAMPER
5	SDSP2006Z	SCREW
6	PQM30017-23	SLIT WASHER
7	SDST2606Z	SCREW
8	YQ30216-1-3	END SENSOR BRACKET
9	SDST2605Z	SCREW
10	YQ30494	START SENSOR BRACKET
11	SDST2605Z	SCREW
12	PU56571	LEAF SWITCH
13	PU56800	NYLON RIVET
16	YQM30001-27	TENSION SPRING
17	YQM30001-41	TENSION SPRING
18	SPST2606Z	SCREW,X2
19	YU40548-1-1	BRUSH
20	SDST2005Z	SCREW
21	YQ40894	SPECIAL SCREW,X2
22	SDSP2604Z	SCREW
48	SDSP2604Z	SCREW
49	SDSP2606Z	SCREW,X3
51	PDM2094B-4	UPPER DRUM ASSY
52	PDM4165A	DRUM SCREW ASSY,X2
53	PDM2096A-3	LOWER DRUM MOTOR ASSY

ZAMOWIENIE CZESCI: 216/95

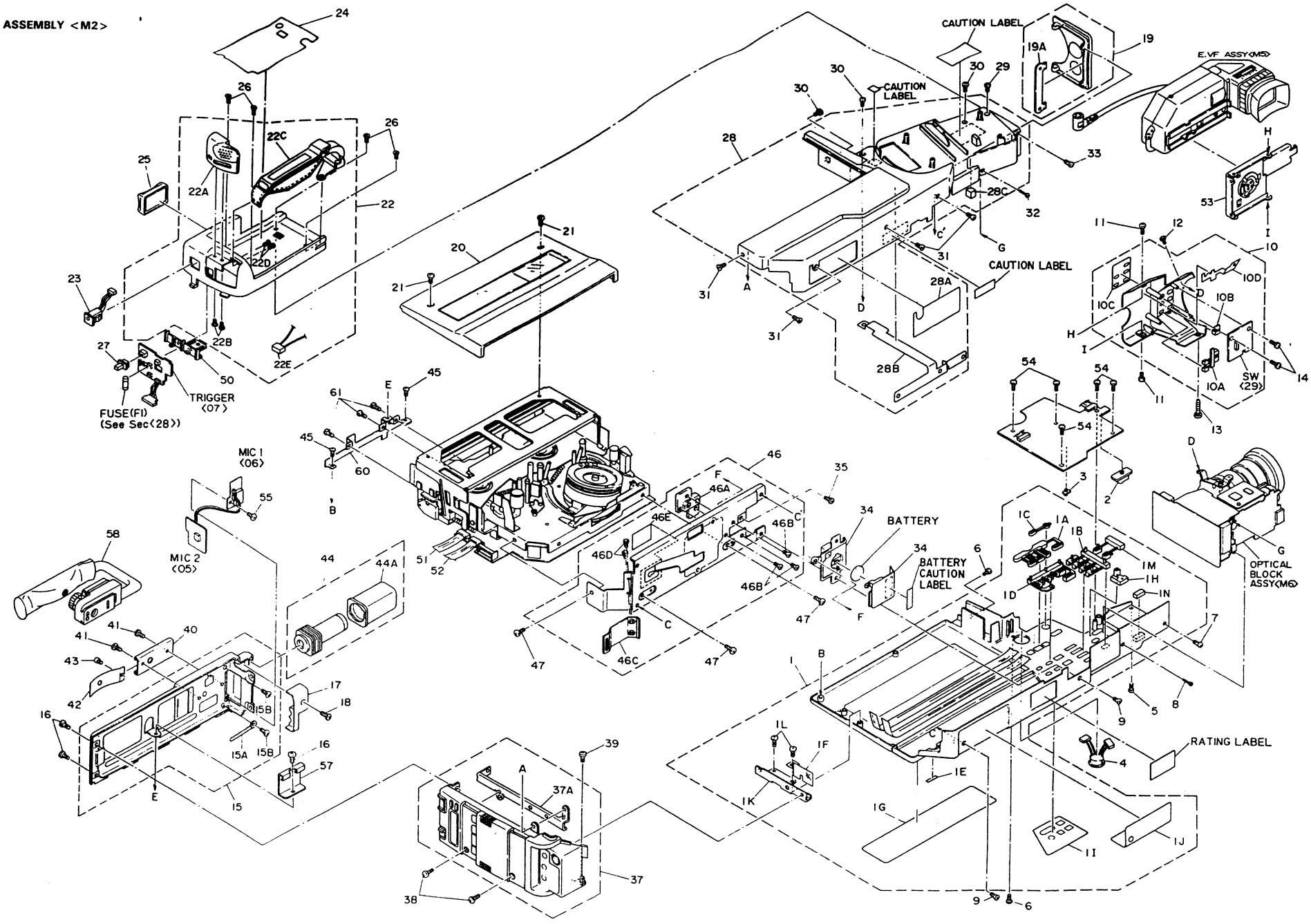
INDEX ¦ NAZWA TOWARU ¦ ILOSC ¦ UWAGI

HILIPS 310431815411 MODUL 1 PRZYSZEDL BEZ PAMIEC

CHWALBE A43411A780 KLAPKA KASETY 1 ORION CAMERA

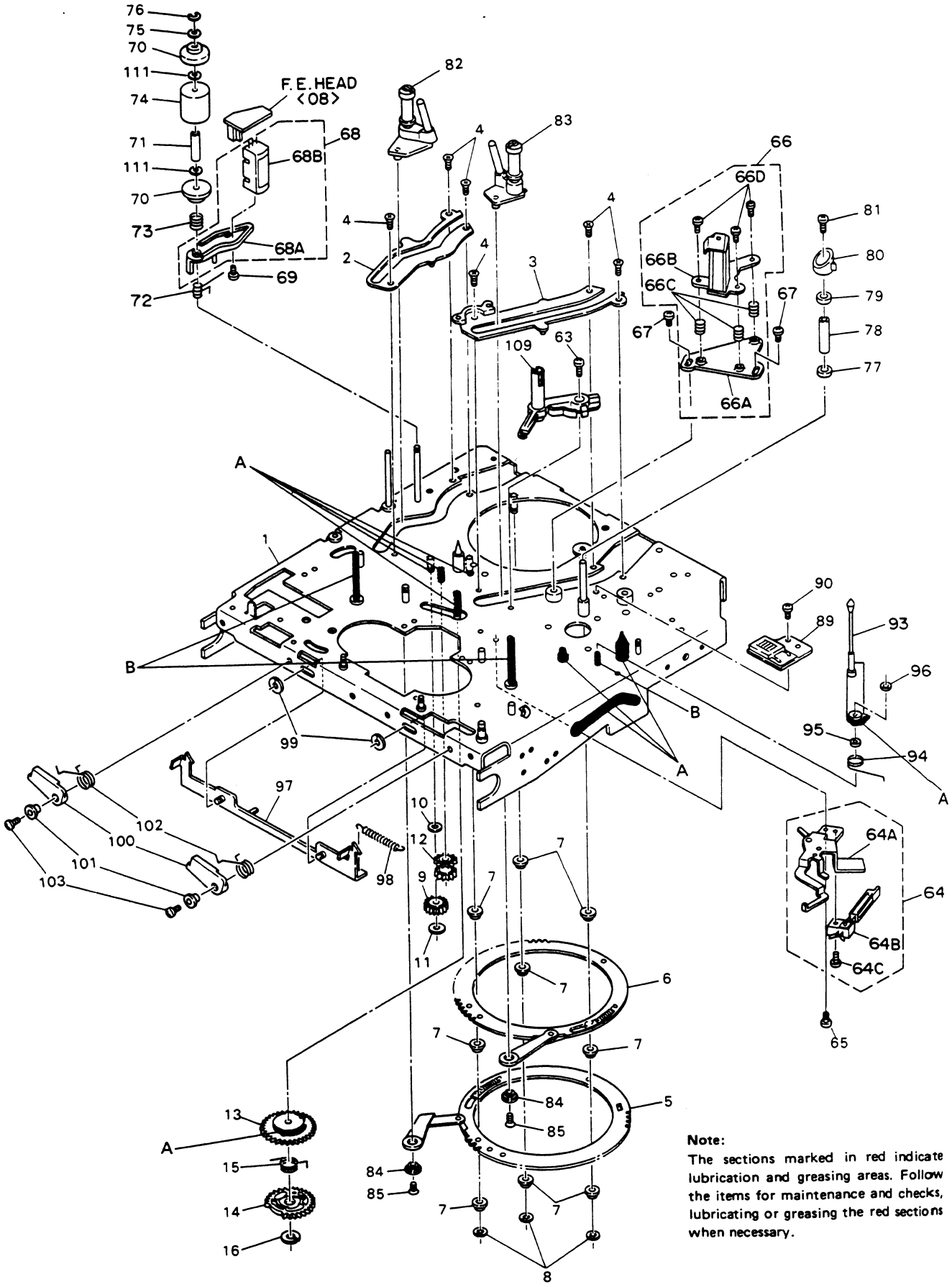
ANASONIC 1

6.3 FINAL ASSEMBLY <M2>

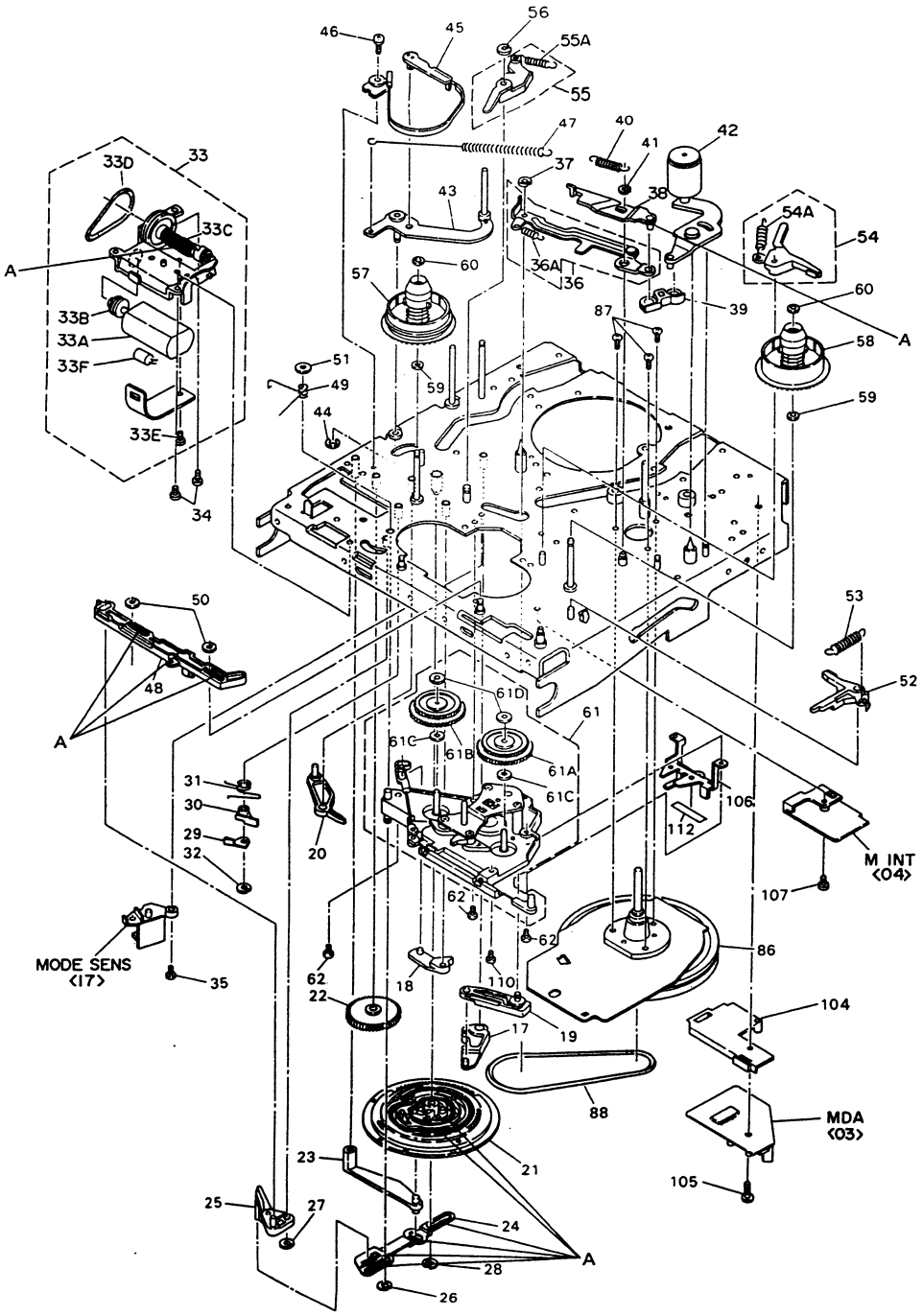


6-2

6.5 MECHANISM ASSEMBLY <M4>



Note:
The sections marked in red indicate lubrication and greasing areas. Follow the items for maintenance and checks, lubricating or greasing the red sections when necessary.



MECHANISM ASSEMBLY <M4>

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	1	YQ20219A-2	MAIN DECK ASSY
	2	YQ30569	GUIDE RAIL(S)
	3	YQ30487	GUIDE RAIL(T)
	4	PQ41269-2	SPECIAL SCREW,X6
	5	YQ41229A-1	LOADING.RING ASSY(S)
	6	YQ41232A-1	LOADING.RING ASSY(T)
	7	PQ42786	GUIDE ROLLER,X9
	8	PQM30017-22	SLIT WASHER,X3
	9	PQ40822	CONNECT GEAR 1
	10	Q03093-817	WASHER
	11	PQM30017-24	SLIT WASHER
	12	PQ40823	CONNECT GEAR 2
	13	PQ31597	LOADING GEAR 1
	14	PQ30337	LOADING GEAR 2
	15	PQ41069	TORSION SPRING
	16	PQM30017-18	SLIT WASHER
	17	PQ42787	CAM LEVER 1
	18	PQ40827	CAM LEVER 2
	19	PQ42788A	RELAY ARM ASSY
	20	PQ40831A-1	CANCEL.LEVER ASSY
	21	PQ20235-1-2	CONTROL CAM
	22	PQ40833	WORM WHEEL
	23	PQ40834A	CANCEL.LEVER 3 ASSY
	24	PQ40836-1-2	SLIDE PLATE
	25	PQ40837B	RELAY LEVER ASSY
	26	PQM30017-22	SLIT WASHER
	27	PQM30017-23	SLIT WASHER
	28	REE2500	"E" RING
	29	PQ41225-1-2	CAM BRAKE 1
	30	PQ41226	CAM BRAKE 2
	31	PQ41252-2-2	TORSION SPRING
	32	PQM30017-23	SLIT WASHER
⚠	33	YU40166-3-4	MOTOR BKT ASSY
⚠	33A	YU40149C-1	MODE CONTROL MOTOR
	33B	YQ40398	MOTOR PULLEY
	33C	YU40181-1-2	MOTOR BKT UNIT
	33D	PQM30003-15	BELT
	33E	SDSG2004M	SCREW
	33F	QEPA1HM-105	NP E CAPACITOR
	34	SDST2605Z	SCREW,X2
	35	SDSP2605Z	SCREW
	36	YQ30489A-1	PINCH ROLLER PLATE ASSY
	36A	PQM30001-153	TENSION SPRING
	37	PQM30017-23	SLIT WASHER
	38	YQ41270A	TOGGLE ARM ASSY
	39	PQ40844	TOGGLE ARM 2
	40	YQ41237	TENSION SPRING
	41	REE2500	"E" RING
	42	YQ41238A-2	PINCH ROLLER ARM ASSY
	43	YQ40630A-2	TENSION POLE ASSY
	44	REE2000	"E" RING
	45	PQ40851B	TENSION BAND ASSY
	46	SDSP2605Z	SCREW
	47	PQ40855-3-4	TENSION SPRING
	48	PQ30269-2	CONTROL PLATE
	49	YQ40813	TORSION SPRING
	50	PQM30017-22	SLIT WASHER,X2
	51	PQM30017-23	SLIT WASHER
	52	PQ40862B	SEARCH BRAKE ASSY
	53	PQM30001-222	TENSION SPRING
	54	PQ40860B-3	REW BRAKE ASSYOR
	54A	YQM30001-21-4	TENSION SPRING
	55	PQ40862B-3	FF BRAKE ASSY

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	55A	YQM30001-22-4	TENSION SPRING
	56	PQM30017-24	SLIT WASHER
	57	YU40632	REEL DISK(SUPPLY)
	58	YU40633	REEL DISK(TAKE-UP)
	59	Q03093-828	WASHER,X2
	60	PQM30017-26	SLIT WASHER,X2
	61	YU40426-1-1	CLUTCH MECHA ASSY
	61A	PU56650-1-4	T-UP CLUTCH
	61B	YU40427	SUP CLUTCH
	61C	Q03093-827	SPACER,X2
	61D	PQM30017-2	SLIT WASHER,X2
	62	SDST2610Z	SCREW,X3
	63	SDST2605Z	SCREW
	64	YQ41244A-3	ALL SWITCH ASSY
	64A	YQ30499	ALL SWITCH.BRACKET
	64B	PU58481	LEAF SWITCH
	64C	SDSP2007Z	SCREW
	65	SDSP2604Z	SCREW
	66	YQ30491A-1	AUDIO/CONTROL HEAD ASSY
	66A	YQ41275	AUDIO/CONTROL HEAD BASE
	66B	YU41113	AUDIO/CONTROL HEAD
	66C	YQM30002-16	COMPRESSION SPRING,X3
	66D	SPSP2608Z	SCREW,X3
	67	SDSP2604Z	SCREW,X2
	68	PQ42802A	FE HEAD ASSY
	68A	PQ42803	FE HEAD ARM
	68B	PU56330	FULL ERASE HEAD
	69	SDSP2005Z	SCREW
	70	PQ42804	LOWER FLANGE,X2
	71	PQ42953	COLLAR
	72	PQ42806	TORSION SPRING
	73	PQM30002-189	COMPRESSION SPRING
	74	PQ42952	IMPEDANCE ROLLER
	75	Q03093-829	WASHER
	76	REE1500	"E" RING
	77	PQ40268-2	GUIDE FLANGE
	78	PU53629-2	TAPE GUIDE
	79	PQ41348-2	GUIDE FLANG(T)
	80	PQ42999-2-1	GUIDE POLE CAP
	81	SDSP2005Z	SCREW
	82	YQ40653B	POLE BASE ASSY(SUPPLY)
	83	YQ40509C	POLE BASE ASSY(TAKE-UP)
	84	PQ40872	SPACER,X2
	85	PQ41269	SPECIAL SCREW,X2
⚠	86	YU40549V	CAPSTAN MOTOR
	87	SDSP2604Z	SCREW,X3
	88	PQM30003-12	BELT
	89	YU40550	DEW SENSOR
	90	SPSH1725M	SCREW
	93	YQ41262A-2	GUIDE ARM ASSY
	94	YQ41265	TORSION SPRING
	95	Q03093-830	WASHER
	96	PQM30017-25	SLIT WASHER
	97	PQ31604A-8	LOCK PLATE ASSY
	98	YQM30001-26-5	SPRING
	99	PQM30017-32	SLIT WASHER,X2
	100	YQ40833-1-1	CANCEL LEVER,X2
	101	PQM30013-10	FLANGE COLLAR,X2
	102	PQ42817	TORSION SPRING,X2
	103	SDST2608Z	SCREW,X2
	104	YQ40637-1-1	MDA HOLDER
	105	SDST2610Z	SCREW
	106	YQ30495-1-1	PWB HOLDER
	107	SDST2610Z	SCREW
	109	PUS37229C	CASSETTE LED ASSY
	110	SDSP2608Z	SCREW
	111	Q03093-831	WASHER,X2
	112	YQ41379	SHEET

6-7

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R382	QRSA08J-102YN	RESISTOR
	R383	QRSA08J-102YN	RESISTOR
	R384	QRSA08J-102YN	RESISTOR
	R385	QRSA08J-102YN	RESISTOR
	R386	QRSA08J-102YN	RESISTOR
	R387	QRSA08J-473YN	RESISTOR
	R388	QRSA08J-474YN	RESISTOR
	R389	QRSA08J-475YN	RESISTOR
	R391	QRSA08J-474YN	RESISTOR
	R392	QRSA08J-223YN	RESISTOR
	R393	QRSA08J-103YN	RESISTOR
	R394	QRSA08J-103YN	RESISTOR
	R397	QRSA08J-222YN	RESISTOR
	R398	QRSA08J-104YN	RESISTOR
	R399	QRSA08J-104YN	RESISTOR
	R400	QRSA08J-104YN	RESISTOR
	R401	QRSA08J-104YN	RESISTOR
	R402	QRSA08J-102YN	RESISTOR
	R403	QRSA08J-104YN	RESISTOR
	R404	QRSA08J-102YN	RESISTOR
	R405	QRSA08J-333YN	RESISTOR
	R406	QRSA08J-333YN	RESISTOR
	R407	QRSA08J-472YN	RESISTOR
	R408	QRSA08J-104YN	RESISTOR
	R409	QRSA08J-474YN	RESISTOR
	R411	QRSA08J-102YN	RESISTOR
	R413	QRSA08J-333YN	RESISTOR
	R414	QRSA08J-104YN	RESISTOR
	R415	QRSA08J-473YN	RESISTOR
	B101	QRSA08J-0R0YN	RESISTOR
	B102	QRSA08J-0R0Y	RESISTOR
	B201	QRSA08J-0R0YN	RESISTOR
	C1	QER40JM-107	E CAPACITOR
	C2	YU40265-5	E CAPACITOR
	C3	QED41AM-826	E CAPACITOR
	C4	QFN41HK-103	M CAPACITOR
	C5	QED41AM-826	E CAPACITOR
	C6	QED41CM-476	E CAPACITOR
	C7	QED41AM-826	E CAPACITOR
	C8	QFN41HK-473	M CAPACITOR
	C9	QER41HM-104	E CAPACITOR
	C10	QED41AM-826	E CAPACITOR
	C11	QER41CM-476	E CAPACITOR
	C101	QER41CM-226	E CAPACITOR
	C102	QCYA1HK-103	CAPACITOR
	C103	QER41CM-106ZE	E CAPACITOR
	C104	QER41HM-105ZE	E CAPACITOR
	C105	QCSA1HJ-471	CAPACITOR
	C106	QER41HM-105ZE	E CAPACITOR
	C107	QCYA1HK-222	CAPACITOR
	C108	QCYA1HK-102	CAPACITOR
	C109	QER41CM-476	E CAPACITOR
	C110	QER41CM-106	E CAPACITOR
	C111	QER41CM-106	E CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C112	QFN41HJ-823	M CAPACITOR
	C113	QER40JM-107ZE	E CAPACITOR
	C114	QER40JM-476ZE	E CAPACITOR
	C115	QCYA1HK-102	CAPACITOR
	C116	QCYA1HK-102	CAPACITOR
	C117	QCYA1HK-103	CAPACITOR
	C118	QCYA1HK-102	CAPACITOR
	C119	QCYA1HK-102	CAPACITOR
	C121	QCYA1HK-153	CAPACITOR
	C122	QEPA1HM-224	NP E CAPACITOR
	C123	QEPA1HM-224	NP E CAPACITOR
	C124	QCYA1HK-332	CAPACITOR
	C125	QEPA1HM-474ZE	NP E CAPACITOR
	C126	QEPA1AM-106	NP E CAPACITOR
	C128	QCYA1HK-332	CAPACITOR
	C129	QCYA1HK-102	CAPACITOR
	C201	QER41AM-336ZE	E CAPACITOR
	C202	QER41AM-476ZE	E CAPACITOR
	C203	QER41HM-104ZE	E CAPACITOR
	C204	QCYA1HK-682	CAPACITOR
	C205	QER41AM-336ZE	E CAPACITOR
	C206	QER41EM-475ZE	E CAPACITOR
	C207	QCYA1EK-223	CAPACITOR
	C209	QER41HM-105ZE	E CAPACITOR
	C210	QER41CM-106ZE	E CAPACITOR
	C211	QER41CM-106ZE	E CAPACITOR
	C212	QER41AM-226ZE	E CAPACITOR
	C213	QER41HM-105ZE	E CAPACITOR
	C214	QCYA1HK-222	CAPACITOR
	C215	QER41HM-105ZE	E CAPACITOR
	C216	QCYA1EK-223	CAPACITOR
	C217	QER41CM-106ZE	E CAPACITOR
	C218	QER41HM-105ZE	E CAPACITOR
	C219	QCYA1HK-102	CAPACITOR
	C220	QCYA1HK-681	CAPACITOR
	C221	QCSA1HJ-331	CAPACITOR
	C222	PU58285-223J	PP CAPACITOR
	C223	QER41CM-106ZE	E CAPACITOR
	C224	QER41CM-476ZE	E CAPACITOR
	C225	QER40JM-226ZE	E CAPACITOR
	C227	QER41EM-475ZE	E CAPACITOR
	C228	QCYA1HK-103	CAPACITOR
	C301	QER40JM-107	E CAPACITOR
	C302	QCSA1HJ-330	CAPACITOR
	C303	QCSA1HJ-330	CAPACITOR
	C304	QER41EM-475	E CAPACITOR
	C305	QER41CM-106	E CAPACITOR
	C306	QCFA1EZ-104	CAPACITOR
	C307	QCYA1HK-222	CAPACITOR
	C308	QCYA1HK-103	CAPACITOR
	C309	QCFA1EZ-104	CAPACITOR
	C310	QCYA1HK-472	CAPACITOR
	C311	QCSA1HJ-121	CAPACITOR
	C312	QCYA1HK-103	CAPACITOR
	C315	QCYA1HK-332	CAPACITOR
	L1	PU56181-151	COIL

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	L2	PU56181-470	COIL
	L200	PU54710-562	COIL
⚠	L201	PU53617	OSC COIL
	L202	PU53223-101J	COIL
⚠	X301	PU55812	RESONATOR
	DD1	YU40528	DC-DC CONVERTOR
	TH301	QRD167J-0R0	RESISTOR
	TP101	PU56278	TEST PIN
	TP200	PU56278	TEST PIN
	TP201	PU56278	TEST PIN
	TP202	PU56278	TEST PIN
	TP203	PU56278	TEST PIN
	TP204	PU56278	TEST PIN
	CN1	YU40532-24	CAP HOUSING
	CN2	YU40105-14	CAP HOUSING,(BOARD TO BOARD)
	CN3	YU40105-16	CAP HOUSING,(BOARD TO BOARD)
	CN4	YU40108-10	CAP HOUSING
	CN5	YU40108-10	CAP HOUSING
	CN6	YU40531-12	CAP HOUSING,(BOARD TO BOARD)
	CN7	YU40531-12	CAP HOUSING,(BOARD TO BOARD)
	CN8	YU40095-4	CAP HOUSING
	CN10	YU40096-6	CAP HOUSING
⚠	CP1	ICP-F20	CIRCUIT PROTECTOR
⚠	CP2	ICP-F20	CIRCUIT PROTECTOR
⚠	CP3	ICP-F20	CIRCUIT PROTECTOR
⚠	CP4	ICP-F20	CIRCUIT PROTECTOR

VIDEO BOARD ASSEMBLY (VTR) <02>

PWBA	YB10025E-01	VIDEO BOARD ASSY
IC1	AN3380NK	IC
IC2	BU4053BF	IC
IC3	YB20127A	IC
IC4	7VT12	IC
IC101	5VT16	IC
IC201	YB20146A	IC
Q1	DTC144EK	TRANSISTOR
Q2	2SC2412K(QR)	TRANSISTOR
Q3	2SC2412K(QR)	TRANSISTOR
Q4	2SA1037K(QR)	TRANSISTOR
Q5	2SC2412K(QR)	TRANSISTOR

⚠	REF. No.	PART No.	PART NAME, DESC
	Q6	2SA1037K(QR)	TRANSISTOR
	Q7	2SC2412K(QR)	TRANSISTOR
	Q8	2SC2412K(QR)	TRANSISTOR
	Q9	2SC2412K(QR)	TRANSISTOR
	Q10	2SC2412K(QR)	TRANSISTOR
	Q11	2SA1037K(QR)	TRANSISTOR
	Q12	DTC144EK	TRANSISTOR
	Q13	DTC144EK	TRANSISTOR
	Q14	2SC2412K(QR)	TRANSISTOR
	Q15	2SA1037K(QR)	TRANSISTOR
	Q16	2SA1037K(QR)	TRANSISTOR
	Q17	2SC2412K(QR)	TRANSISTOR
	Q18	DTC144EK	TRANSISTOR
	Q19	2SC2412K(QR)	TRANSISTOR
	Q20	2SA1037K(QR)	TRANSISTOR
	Q21	2SA1037K(QR)	TRANSISTOR
	Q25	DTC124EK	TRANSISTOR
	Q26	DTA124EK	TRANSISTOR
	Q27	DTC144EK	TRANSISTOR
	Q101	DTA124EK	TRANSISTOR
	Q201	2SC2412K(QR)	TRANSISTOR
	Q202	DTC144EK	TRANSISTOR
	Q203	2SC2412K(QR)	TRANSISTOR
	Q204	2SC2412K(QR)	TRANSISTOR
	Q205	2SC2412K(QR)	TRANSISTOR
	Q206	DTC144WK	TRANSISTOR
	Q207	DTC144EK	TRANSISTOR
	Q209	2SC2412K(QR)	TRANSISTOR
	Q210	2SC2412K(QR)	TRANSISTOR
	Q211	2SC2412K(QR)	TRANSISTOR
	Q212	DTC144EK	TRANSISTOR
	Q213	DTC144EK	TRANSISTOR
	Q214	DTC144EK	TRANSISTOR
	Q215	DTC144EK	TRANSISTOR
	Q216	DTC144EK	TRANSISTOR
	Q217	2SC2412K(QR)	TRANSISTOR
	Q218	DTC144EK	TRANSISTOR
	Q219	DTC144EK	TRANSISTOR
	D1	DAP202K	DIODE
	D2	DAP202K	DIODE
	D3	DAN202K	DIODE
	D4	DAN202K	DIODE
	D5	OA90	DIODE
	D6	OA90	DIODE
	D7	RD5.6EB2	ZENER DIODE
	D201	DAN202K	DIODE
	D202	DAP202K	DIODE
	D203	DAP202K	C.DIODE ARRAY
	D204	DAP202K	DIODE
	D205	DAN202K	DIODE
	D206	DAP202K	C.DIODE ARRAY
	R1	QRSA08J-153YN	RESISTOR
	R2	QRSA08J-333YN	RESISTOR
	R3	QRSA08J-563YN	RESISTOR
	R4	QRSA08J-272YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION

M/S/A BOARD ASSEMBLY <01>

PWBA	YB10013H1	M/S/A BOARD ASSY
IC1	S-81250AG	IC
IC2	M5236ML	IC
IC101	BA6405F	IC
IC102	BU3779S	IC
IC103	BA10324F	IC
	or XRA10324F	IC
IC104	BA728F	IC
IC200	BA7751ALS	IC
IC201	10VT30	IC
IC301	HD6305Z0F-CV19	IC
	or HD63705Z0F-CV19	IC
IC302	M54543ASL	IC
IC303	S-8054HN	IC
Q2	2SB1132(QR)	TRANSISTOR
Q3	DTA143ZK	TRANSISTOR
Q4	2SB766(QR)	TRANSISTOR
Q5	2SJ146	FE TRANSISTOR
Q6	DTA143ES	TRANSISTOR
Q101	DTC124EK	TRANSISTOR
Q102	DTC124EK	TRANSISTOR
Q104	DTC124EK	TRANSISTOR
Q105	DTC124EK	TRANSISTOR
Q200	2SD1330S,T	TRANSISTOR
Q202	FMW3	TRANSISTOR
Q203	DTA124EK	TRANSISTOR
Q204	DTC124TK	TRANSISTOR
Q205	2SD1328S,T	TRANSISTOR
Q206	IMH6	TRANSISTOR
Q301	FMC2	TRANSISTOR
Q302	FMC2	TRANSISTOR
Q303	FMC2	TRANSISTOR
Q304	2SK621	FE TRANSISTOR
Q305	DTC144WK	TRANSISTOR
Q306	DTC124EK	TRANSISTOR
Q307	DTA124EK	TRANSISTOR
Q308	2SC2412K	TRANSISTOR
Q309	DTC124EK	TRANSISTOR
D1	DAP202K	C.DIODE ARRAY
D2	FMN1	DIODE
D3	1SS133	DIODE
D4	RD20EB2	ZENER DIODE
D5	DAP202K	C.DIODE ARRAY
D6	RD8.2MB2	ZENER DIODE
	or RD8.2MB3	ZENER DIODE
D7	RD8.2MB2	ZENER DIODE
	or RD8.2MB3	ZENER DIODE

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
D101	DA204K	DIODE
D102	DAN202K	DIODE
D200	RD8.2M-T1B3	ZENER DIODE
D201	IMN10	DIODE
D301	IMN10	DIODE
D302	DAN202K	DIODE
D303	DAN202K	DIODE
D307	DAN202K	DIODE
R2	QRSA08J-102YN	RESISTOR
R3	QRSA08J-223YN	RESISTOR
R4	QVZ3531-472	V RESISTOR,BATTERY ALARM
R5	QRSA08J-103YN	RESISTOR
R6	QRSA08J-822YN	RESISTOR
R7	QVZ3531-102	V RESISTOR,REG 8V ADJ
R8	QRSA08J-221YN	RESISTOR
R9	QRSA08J-105YN	RESISTOR
R10	QRSA08J-123YN	RESISTOR
R11	QRSA08J-102YN	RESISTOR
R12	QRSA08J-824YN	RESISTOR
R101	QRSA08J-105YN	RESISTOR
R102	QRSA08J-104YN	RESISTOR
R103	QRSA08J-104YN	RESISTOR
R104	QRSA08J-182YN	RESISTOR
R105	QRSA08J-333YN	RESISTOR
R106	QRSA08J-474YN	RESISTOR
R107	QRSA08J-471YN	RESISTOR
R108	QRSA08J-102YN	RESISTOR
R109	QRSA08J-103YN	RESISTOR
R110	QRSA08J-822YN	RESISTOR
R111	QRSA08J-103YN	RESISTOR
R112	QRSA08J-472YN	RESISTOR
R113	YU41018	TRACKING VR
R114	QVZ3531-223	V RESISTOR,TRACKING PRESET
R115	QRSA08J-223YN	RESISTOR
R116	QRSA08J-222YN	RESISTOR
R117	QRSA08J-681YN	RESISTOR
R118	QRSA08J-104YN	RESISTOR
R119	QRSA08J-274YN	RESISTOR
R120	QRSA08J-124YN	RESISTOR
R122	QRSA08J-472YN	RESISTOR
R123	QRSA08J-103YN	RESISTOR
R124	QVZ3531-474	V RESISTOR,PB SWITCHING POINT
R125	QRSA08J-222YN	RESISTOR
R126	QRSA08J-104YN	RESISTOR
R127	QRSA08J-104YN	RESISTOR
R128	QRSA08J-392YN	RESISTOR
R129	QRSA08J-274YN	RESISTOR
R130	QRSA08J-823YN	RESISTOR
R131	QRSA08J-104YN	RESISTOR
R132	QRSA08J-472YN	RESISTOR
R133	QRSA08J-684YN	RESISTOR
R134	QRSA08J-473YN	RESISTOR
R135	QRSA08J-223YN	RESISTOR
R136	QRSA08J-333YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R137	QRSA08J-153YN	RESISTOR
R138	QRSA08J-333YN	RESISTOR
R139	QRSA08J-153YN	RESISTOR
R140	QRSA08J-105YN	RESISTOR
R141	QRSA08J-274YN	RESISTOR
R142	QRSA08J-274YN	RESISTOR
R143	QRSA08J-105YN	RESISTOR
R144	QRSA08J-823YN	RESISTOR
R145	QRSA08J-563YN	RESISTOR
R147	QRSA08J-0R0Y	RESISTOR
R201	QRSA08J-562YN	RESISTOR
R202	QRSA08J-223YN	RESISTOR
R203	QRSA08J-682YN	RESISTOR
R206	QRSA08J-473YN	RESISTOR
R207	QRSA08J-392YN	RESISTOR
R208	QRSA08J-821YN	RESISTOR
R209	QRSA08J-473YN	RESISTOR
R210	QRSA08J-223YN	RESISTOR
R211	QRSA08J-331YN	RESISTOR
R213	QRSA08J-102YN	RESISTOR
R214	QRSA08J-272YN	RESISTOR
R215	QRSA08J-562YN	RESISTOR
R216	QRSA08J-473YN	RESISTOR
R217	QRSA08J-223YN	RESISTOR
R218	QVZ3531-103	V RESISTOR,AUDIO REC LEVEL
R219	QRSA08J-105YN	RESISTOR
R220	QRSA08J-332YN	RESISTOR
R221	QRSA08J-124YN	RESISTOR
R222	QRSA08J-331YN	RESISTOR
R223	QRSA08J-273YN	RESISTOR
R224	QRSA08J-100YN	RESISTOR
R225	QVZ3531-333	V RESISTOR,AUDIO BIAS LEVEL
R226	QRSA08J-102YN	RESISTOR
R228	QRSA08J-333YN	RESISTOR
R229	QRSA08J-563YN	RESISTOR
R230	QRSA08J-331YN	RESISTOR
R231	QRSA08J-182YN	RESISTOR
R301	QRSA08J-472YN	RESISTOR
R302	QRSA08J-103YN	RESISTOR
R303	QRSA08J-473YN	RESISTOR
R304	QRSA08J-102YN	RESISTOR
R306	QRSA08J-103YN	RESISTOR
R307	QRSA08J-103YN	RESISTOR
R308	QRSA08J-103YN	RESISTOR
R309	QRSA08J-103YN	RESISTOR
R310	QRSA08J-103YN	RESISTOR
R311	QRSA08J-472YN	RESISTOR
R313	QRSA08J-103YN	RESISTOR
R314	QRSA08J-102YN	RESISTOR
R315	QRSA08J-103YN	RESISTOR
R316	QRSA08J-103YN	RESISTOR
R317	QRSA08J-102YN	RESISTOR
R318	QRSA08J-103YN	RESISTOR
R319	QRSA08J-103YN	RESISTOR
R320	QRSA08J-223YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R321	QRSA08J-222YN	RESISTOR
R322	QRSA08J-333YN	RESISTOR
R323	QRSA08J-103YN	RESISTOR
R324	QRSA08J-333YN	RESISTOR
R325	QRSA08J-103YN	RESISTOR
R326	QRSA08J-333YN	RESISTOR
R327	QRSA08J-103YN	RESISTOR
R328	QRSA08J-333YN	RESISTOR
R329	QRSA08J-333YN	RESISTOR
R330	QRSA08J-333YN	RESISTOR
R331	QRSA08J-103YN	RESISTOR
R332	QRSA08J-333YN	RESISTOR
R333	QRSA08J-222YN	RESISTOR
R334	QRSA08J-222YN	RESISTOR
R335	QRSA08J-222YN	RESISTOR
R336	QRSA08J-222YN	RESISTOR
R337	QRSA08J-222YN	RESISTOR
R338	QRSA08J-222YN	RESISTOR
R339	QRSA08J-333YN	RESISTOR
R340	QRSA08J-333YN	RESISTOR
R341	QRSA08J-333YN	RESISTOR
R342	QRSA08J-333YN	RESISTOR
R343	QRSA08J-333YN	RESISTOR
R345	QRSA08J-333YN	RESISTOR
R346	QRSA08J-333YN	RESISTOR
R347	QRSA08J-222YN	RESISTOR
R348	QRSA08J-102YN	RESISTOR
R349	QRSA08J-102YN	RESISTOR
R350	QRSA08J-102YN	RESISTOR
R351	QRSA08J-203YN	RESISTOR
R352	QRSA08J-203YN	RESISTOR
R353	QRSA08J-203YN	RESISTOR
R354	QRSA08J-203YN	RESISTOR
R355	QRSA08J-203YN	RESISTOR
R356	QRSA08J-103YN	RESISTOR
R357	QRSA08J-103YN	RESISTOR
R358	QRSA08J-103YN	RESISTOR
R359	QRSA08J-472YN	RESISTOR
R360	QRSA08J-472YN	RESISTOR
R361	QRSA08J-103YN	RESISTOR
R362	QRSA08J-103YN	RESISTOR
R363	QRSA08J-103YN	RESISTOR
R364	QRSA08J-103YN	RESISTOR
R365	QRSA08J-472YN	RESISTOR
R367	QRSA08J-102YN	RESISTOR
R368	QRSA08J-222YN	RESISTOR
R369	QRSA08J-222YN	RESISTOR
R370	QRSA08J-102YN	RESISTOR
R371	QRSA08J-222YN	RESISTOR
R373	QRSA08J-222YN	RESISTOR
R374	QRSA08J-472YN	RESISTOR
R375	QRSA08J-103YN	RESISTOR
R376	QRSA08J-102YN	RESISTOR
R377	QRSA08J-222YN	RESISTOR
R378	QRSA08J-222YN	RESISTOR
R380	QRSA08J-222YN	RESISTOR
R381	QRSA08J-102YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R5	QRSA08J-271YN	RESISTOR
R6	QRSA08J-121YN	RESISTOR
R7	QRSA08J-131YN	RESISTOR
R9	QRSA08J-332YN	RESISTOR
R10	QVZ3531-222	V RESISTOR,VIDEO EQ
R11	QRSA08J-102YN	RESISTOR
R12	QRSA08J-222YN	RESISTOR
R13	QRSA08J-102YN	RESISTOR
R14	QRSA08J-681YN	RESISTOR
R15	QRSA08J-561YN	RESISTOR
R16	QRSA08J-153YN	RESISTOR
R17	QRSA08J-333YN	RESISTOR
R18	QRSA08J-102YN	RESISTOR
R19	QRSA08J-122YN	RESISTOR
R20	QRSA08J-331YN	RESISTOR
R21	QRSA08J-152YN	RESISTOR
R22	QRSA08J-471YN	RESISTOR
R23	QRSA08J-102YN	RESISTOR
R24	QRSA08J-102YN	RESISTOR
R25	QRSA08J-182YN	RESISTOR
R26	QRSA08J-222YN	RESISTOR
R27	QRSA08J-102YN	RESISTOR
R28	QRSA08J-222YN	RESISTOR
R29	QRSA08J-222YN	RESISTOR
R30	QRSA08J-223YN	RESISTOR
R31	QRSA08J-223YN	RESISTOR
R32	QVZ3531-102	V RESISTOR,REC FM LEVEL
R34	QRSA08J-102YN	RESISTOR
R35	QRSA08J-221YN	RESISTOR
R36	QRSA08J-154YN	RESISTOR
R37	QRSA08J-330YN	RESISTOR
R38	QRSA08J-472YN	RESISTOR
R39	QRSA08J-512YN	RESISTOR
R40	QVZ3531-472	V RESISTOR, E-E COLOR LEVEL
R41	QRSA08J-682YN	RESISTOR
R42	QRSA08J-392YN	RESISTOR
R43	QRSA08J-103YN	RESISTOR
R44	QRSA08J-562YN	RESISTOR
R45	QRSA08J-221YN	RESISTOR
R46	QRSA08J-683YN	RESISTOR
R47	QRSA08J-683YN	RESISTOR
R48	QRSA08J-562YN	RESISTOR
R49	QRSA08J-225YN	RESISTOR
R50	QRSA08J-475YN	RESISTOR
R52	QRSA08J-335YN	RESISTOR
R53	QRSA08J-562YN	RESISTOR
R54	QRSA08J-152YN	RESISTOR
R55	QRSA08J-183YN	RESISTOR
R56	QRSA08J-684YN	RESISTOR
R57	QRSA08J-824YN	RESISTOR
R58	QRSA08J-102YN	RESISTOR
R59	QRSA08J-475YN	RESISTOR
R60	QRSA08J-103YN	RESISTOR
R61	QRSA08J-222YN	RESISTOR
R62	QRSA08J-472YN	RESISTOR
R63	QRSA08J-103YN	RESISTOR
R64	QRSA08J-472YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R65	QRSA08J-472YN	RESISTOR
R66	QRSA08J-103YN	RESISTOR
R67	QRSA08J-183YN	RESISTOR
R68	QRSA08J-472YN	RESISTOR
R69	QRSA08J-272YN	RESISTOR
R70	QRSA08J-272YN	RESISTOR
R71	QRSA08J-561YN	RESISTOR
R72	QRSA08J-331YN	RESISTOR
R73	QRSA08J-221YN	RESISTOR
R74	QRSA08J-331YN	RESISTOR
R75	QRSA08J-563YN	RESISTOR
R76	QRD121J-271S	RESISTOR
R77	QRD161J-750	RESISTOR
R78	QRSA08J-563YN	RESISTOR
R79	QRD161J-271	RESISTOR
R80	QRSA08J-152YN	RESISTOR
R81	QRSA08J-103YN	RESISTOR
R82	QRSA08J-103YN	RESISTOR
R83	QRSA08J-103YN	RESISTOR
R84	QRSA08J-103YN	RESISTOR
R85	QRSA08J-103YN	RESISTOR
R86	QRSA08J-103YN	RESISTOR
R87	QRSA08J-222YN	RESISTOR
R88	QRSA08J-181YN	RESISTOR
R89	QRSA08J-0R0Y	RESISTOR
R90	QRSA08J-0R0Y	RESISTOR
R101	QRSA08J-103YN	RESISTOR
R201	QRSA08J-222YN	RESISTOR
R202	QRSA08J-153YN	RESISTOR
R203	QRSA08J-222YN	RESISTOR
R204	QRSA08J-103YN	RESISTOR
R205	QRSA08J-821YN	RESISTOR
R206	QVZ3531-151	V RESISTOR,REC COLOR LEVEL
R207	QRSA08J-102YN	RESISTOR
R208	QRSA08J-102YN	RESISTOR
R209	QRSA08J-223YN	RESISTOR
R210	QRSA08J-223YN	RESISTOR
R211	QRSA08J-222YN	RESISTOR
R212	QRSA08J-102YN	RESISTOR
R213	QRSA08J-272YN	RESISTOR
R214	QRSA08J-473YN	RESISTOR
R215	QRSA08J-102YN	RESISTOR
R216	QRSA08J-102YN	RESISTOR
R217	QRSA08J-102YN	RESISTOR
R218	QRSA08J-222YN	RESISTOR
R219	QRSA08J-102YN	RESISTOR
R220	QRSA08J-103YN	RESISTOR
R221	QRSA08J-103YN	RESISTOR
R222	QRSA08J-103YN	RESISTOR
R223	QVZ3531-223	V RESISTOR,VXO FREQ
R224	QRSA08J-274YN	RESISTOR
R225	QRSA08J-472YN	RESISTOR
R226	QRSA08J-223YN	RESISTOR
R227	QRSA08J-153YN	RESISTOR
R228	QRSA08J-393YN	RESISTOR
R229	QRSA08J-222YN	RESISTOR
R230	QRSA08J-222YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R231	QRSA08J-122YN	RESISTOR
R233	QRSA08J-391YN	RESISTOR
R234	QRSA08J-221YN	RESISTOR
R235	QRSA08J-391YN	RESISTOR
R236	QRSA08J-821YN	RESISTOR
R237	QRSA08J-181YN	RESISTOR
R240	QRSA08J-822YN	RESISTOR
R241	QRSA08J-393YN	RESISTOR
R242	QRSA08J-391YN	RESISTOR
R243	QRSA08J-331YN	RESISTOR
R244	QRSA08J-102YN	RESISTOR
R245	QRSA08J-181YN	RESISTOR
R246	QRSA08J-223YN	RESISTOR
R247	QRSA08J-682YN	RESISTOR
R248	QRSA08J-152YN	RESISTOR
R249	QRSA08J-471YN	RESISTOR
R250	QRSA08J-102YN	RESISTOR
R251	QRSA08J-122YN	RESISTOR
R252	QRSA08J-103YN	RESISTOR
R253	QRSA08J-103YN	RESISTOR
R255	QRSA08J-562YN	RESISTOR
R256	QRSA08J-271YN	RESISTOR
R257	QRSA08J-561YN	RESISTOR
R258	QRSA08J-682YN	RESISTOR
R259	QRSA08J-104YN	RESISTOR
C1	QCYA1HK-103	CAPACITOR
C2	QCYA1HK-103	CAPACITOR
C3	QFV41HJ-104	TF CAPACITOR
C4	QCYA1HK-103	CAPACITOR
C5	QEE81AM-335	TANTAL CAPACITOR
C6	QEKG0JM-476	E CAPACITOR
C7	QCYA1HK-223	CAPACITOR
C8	QCSA1HJ-121	CAPACITOR
C9	QCYA1HK-103	CAPACITOR
C10	QFZ0095-104	MM CAPACITOR
C11	QER41CM-106ZE	E CAPACITOR
C12	QCSA1HJ-820	CAPACITOR
C13	QCSA1HJ-820	CAPACITOR
C14	QER41CM-106ZE	E CAPACITOR
C15	QCYA1HK-103	CAPACITOR
C16	QEE80JM-685	TANTAL CAPACITOR
C17	QCYA1HK-103	CAPACITOR
C18	QCSA1HJ-470	CAPACITOR
C19	QCSA1HJ-220	CAPACITOR
C20	QCYA1HK-103	CAPACITOR
C21	QCSA1HJ-180	CAPACITOR
C22	QCSA1HJ-330	CAPACITOR
C23	QCSA1HJ-220	CAPACITOR
C24	QCSA1HJ-681	CAPACITOR
C25	QCYA1HK-103	CAPACITOR
C26	QEKG0JM-476	E CAPACITOR
C27	QCYA1HK-103	CAPACITOR
C28	QCSA1HJ-121	CAPACITOR
C29	QCSA1HJ-180	CAPACITOR
C30	QCYA1HK-103	CAPACITOR
C31	QCYA1HK-103	CAPACITOR
C32	QCSA1HJ-121	CAPACITOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
C33	QCSA1HJ-121	CAPACITOR
C34	QCSA1HJ-270	CAPACITOR
C35	QCYA1HK-103	CAPACITOR
C36	QCSA1HJ-471	CAPACITOR
C37	QER41AM-476	E CAPACITOR
C38	QCSA1HJ-100	CAPACITOR
C39	QEKG1CM-106	E CAPACITOR
C40	QCYA1HK-103	CAPACITOR
C41	QEKG0JM-476	E CAPACITOR
C42	QEKG0JM-476	E CAPACITOR
C43	QEKG0JM-476	E CAPACITOR
C44	QCYA1HK-103	CAPACITOR
C45	QCSA1HJ-101	CAPACITOR
C46	QCSA1HJ-101	CAPACITOR
C47	QCSA1HJ-151	CAPACITOR
C48	QCSA1HJ-330	CAPACITOR
C50	QEPA1HM-105ZE	NP E CAPACITOR
C51	QEKG1HM-105	E CAPACITOR
C52	QCSA1HJ-331	CAPACITOR
C53	QCSA1HJ-181	CAPACITOR
C54	QED40JM-127	E CAPACITOR
C55	QCYA1HK-103	CAPACITOR
C56	QCSA1HJ-151	CAPACITOR
C57	QEKG1HM-225	E CAPACITOR
C58	QEKG0JM-107	E CAPACITOR
C59	QCYA1HK-103	CAPACITOR
C60	QEKG1HM-335	E CAPACITOR
C61	QEKG1HM-105	E CAPACITOR
C62	QCSA1HJ-680	CAPACITOR
C63	QEKG1CM-106	E CAPACITOR
C64	QEKG1HM-225	E CAPACITOR
C65	QEKG1CM-106	E CAPACITOR
C66	QEKG1CM-106	E CAPACITOR
C67	QEKG1EM-335	E CAPACITOR
C68	QEKG0JM-107	E CAPACITOR
C69	QCYA1HK-103	CAPACITOR
C70	QEKG0JM-107	E CAPACITOR
C71	QEKG1EM-475	E CAPACITOR
C72	QETA0JM-108	E CAPACITOR
C73	QEKG1AM-476	E CAPACITOR
C74	QCSA1HJ-121	CAPACITOR
C75	QCSA1HJ-220	CAPACITOR
C76	QCSA1HJ-560	CAPACITOR
C77	QCSA1HJ-121	CAPACITOR
C78	QEKG1HM-104	E CAPACITOR
C101	QCS11HJ-271	CAPACITOR
C102	QEKG1HM-104	E CAPACITOR
C201	QCYA1HK-103	CAPACITOR
C202	QCYA1HK-103	CAPACITOR
C203	QCYA1HK-682	CAPACITOR
C204	QCSA1HJ-820	CAPACITOR
C205	QCYA1HK-103	CAPACITOR
C206	QCYA1HK-102	CAPACITOR
C207	QFN41HJ-473	M CAPACITOR
C208	QCYA1HK-102	CAPACITOR
C209	QEKG1CM-106	E CAPACITOR
C210	QCYA1HK-103	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C211	QCTA1CH-220	CAPACITOR
	C212	QFN41HJ-223	M CAPACITOR
	C213	QEKG1HM-105	E CAPACITOR
	C214	QFN41HJ-273	M CAPACITOR
	C215	QEE80JM-476	E CAPACITOR
	C216	QCYA1HK-103	CAPACITOR
	C217	QEKG1EM-475	E CAPACITOR
	C218	QCYA1HK-103	CAPACITOR
	C219	QFV41HJ-563	TF CAPACITOR
	C220	QEKG1EM-335	E CAPACITOR
	C221	QEKG1HM-105	E CAPACITOR
	C222	QEE81AM-106	CAPACITOR
	C223	QCYA1HK-102	CAPACITOR
	C224	QCYA1HK-103	CAPACITOR
	C225	QCSA1HJ-6R0	CAPACITOR
	C226	QCYA1HK-102	CAPACITOR
	C227	QEKG0JM-476	E CAPACITOR
	C228	QCYA1HK-103	CAPACITOR
	C229	QCYA1HK-103	CAPACITOR
	C230	QCYA1HK-102	CAPACITOR
	C231	QEE81EM-105	CAPACITOR
	C232	QER41HM-475	E CAPACITOR
	C233	QER41HM-475	E CAPACITOR
	C234	QEKG1CM-106	E CAPACITOR
	C235	QFV41HJ-224	M CAPACITOR
	C236	QFN41HJ-563	M CAPACITOR
	C238	QFN41HJ-103	M CAPACITOR
	C239	QFV41HJ-104	TF CAPACITOR
	C240	QCYA1HK-332	CAPACITOR
	C241	QCS11HJ-560	CAPACITOR
	C242	QCTA1CH-8ROZ	CAPACITOR
	L1	PU53223-101J	COIL
	L2	PU59152-8R2J	COIL
	L3	PU59152-8R2J	COIL
	L4	PU53223-101J	COIL
	L5	PU59152-180J	COIL
	L6	PU59152-560J	COIL
	L7	PU59152-680J	COIL
	L8	PU59152-330J	COIL
	L9	PU59152-330J	COIL
	L10	PU59152-151J	COIL
	L11	PU59152-680J	COIL
	L12	PU59152-220J	COIL
	L13	PU53223-101J	COIL
	L14	PU59152-221J	COIL
	L15	PU59152-680J	COIL
	L16	PU59152-220J	COIL
	L17	PU53223-101J	COIL
	L19	PU59152-120J	COIL
	L20	PU59152-120J	COIL
	L21	PU53618-471J	COIL
	L22	PU59152-121J	COIL
	L23	PU59152-121J	COIL
	L24	PU53223-101J	COIL
	L25	PU53223-101J	COIL
	L26	PU59152-560J	COIL

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	L101	PU59152-1R2K	COIL
	L102	PU53223-101J	COIL
	L103	PU56175	S.TRANS
	L201	PU53223-101J	COIL
	L202	PU53618-821J	COIL
	L203	PU48530-222J	COIL
	L204	PU53223-101J	COIL
	L205	PU59152-820J	COIL
	L206	PU59152-150J	COIL
	L207	PU53223-101J	COIL
	L208	PU54710-822	COIL
	L209	PU59152-150J	COIL
	EQ201	PU53501-4	EQUALIZER
	LPF1	PU58021-2	LOW PASS FILTER
	LPF201	PU54988	LOW PASS FILTER
	LPF202	PU58705	LOW PASS FILTER
	BPF201	PU54410-2	BAND PASS FILTER
	BPF202	PU57072	BAND PASS FILTER
	DL1	PU58318	DELAY LINE
	DL201	PU60066	2H DELAY LINE
⚠	XB201	PU60065	CRYSTAL RESONATOR
⚠	X201	PU59335	CRYSTAL RESONATOR
	TH1	ERT-D2FGL101S	THERMISTOR
	SLD1	YU40142	SHIELD CASE(1)
	SLD2	YU40143	SHIELD CASE(2)
	SLD3	YU40537-1-2	SHIELD CASE(3)
	SLD4	YU40538-1-3	SHIELD CASE(4)
	SLD5	YU40652	SHIELD PLATEQK
	SPC1	PQM30029-83	SPACERQD
	TP1	PU56278	TEST PIN
	TP4	PU56278	TEST PIN
	TP6	YU40536	TEST POINT
	TP9	YU40581-AY	CHIP T(2125)
	TP10	PU56278	TEST PIN
	TP11	YU40536	TEST POINT
	TP12	YU40536	TEST POINT
	TP31	YU40581-AY	CHIP T(2125)
	TP41	YU40536	TEST POINT
	TP44	PU56278	TEST PIN
	TP001	YU40536	TEST POINT,VXO
	TP002	PU56278	TEST PIN,GND
	TP101	PU56278	TEST PIN
	TP201	PU56278	TEST PIN

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	TP204	YU40536	TEST POINT
	TP210	PU56278	TEST PIN
	TP229	YU40536	TEST POINT
	CN1	YU40096-5	CAP HOUSING
	CN2	YU40108-8	CAP HOUSING
	CN3	YU40095-2Y	CAP HOUSING
	CN4	YU40095-2	CAP HOUSING
	CN5	YU40095-4	CAP HOUSING
	CN6	YU40095-3	CAP HOUSING
	CN7	YU40096-3	CAP HOUSING
	CN8	YU40530-12	CAP HOUSING,(BOARD TO BOARD)
	CN9	YU40530-12	CAP HOUSING,(BOARD TO BOARD)

D.MDA BOARD ASSEMBLY <03>

PWBA	YB10013A2-02	MDA BOARD ASSY
IC501	BA6452F	IC
D501	DAN202K	DIODE
R501	QRSA08J-152YN	RESISTOR
R502	QRSA08J-154YN	RESISTOR
R503	QRSA08J-223YN	RESISTOR
R504	QRSA08J-222YN	RESISTOR
R505	QRSA08J-101YN	RESISTOR
R506	QRSA08J-2R2YN	RESISTOR
R507	QRSA08J-2R2YN	RESISTOR
R508	QRSA08J-2R2YN	RESISTOR
R509	QRG125J-R68AR	MF RESISTOR
R510	QRSA08J-104YN	RESISTOR
C501	QCY81CK-224	CAPACITOR
C502	QCSA1HJ-471	CAPACITOR
C503	QCY81CK-224	CAPACITOR
C504	QCFA1EZ-104	CAPACITOR
C505	QER41CM-106ZE	E CAPACITOR
C506	QER41CM-106ZE	E CAPACITOR
C507	QCYA1EK-223	CAPACITOR
C508	QER41CM-106ZE	E CAPACITOR
C509	QER41CM-106ZE	E CAPACITOR
C510	QER41CM-106ZE	E CAPACITOR
C511	QCFA1EZ-104	CAPACITOR
CN501	YU40533-14	CAP HOUSIN,(BOARD TO BOARD)
CN502	YU40095-2	CAP HOUSING
CN503	YU40095-15	CAP HOUSING
CN504	YU40095-2	CAP HOUSING

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION

MECHACON INTERFACE BOARD ASSEMBLY <04>

PWBA	YB10013A3-02	M.INT BOARD ASSY
IC601	BX7469	IC
IC602	GP2L09BC	IC
Q601	DTA124EF	TRANSISTOR
R601	QRD167J-102	RESISTOR
R602	QRD167J-471	RESISTOR
R603	QRD167J-472	RESISTOR
R604	QRD167J-680	RESISTOR
R605	QRSA08J-0R0YN	RESISTOR
C601	QEPA1HM-105	NP E CAPACITOR
HD1	YQ30060-1-2	TU.SENS.HOLDER
CN601	YU40533-16	CAP HOUSING,(BOARD TO BOARD)
CN602	YU40095-2Y	CAP HOUSING
CN603	YU40095-2B	CAP HOUSING
CN604	YU40095-2	CAP HOUSING
CN605	YU40095-2R	CAP HOUSING
CN606	YU40095-2B	CAP HOUSING
CN607	YU40095-4	CAP HOUSING
CN608	YU40095-6	CAP HOUSING

MIC2 BOARD ASSEMBLY <05>

PWBA	YB10013A5-02	MIC 2 BOARD ASSY
IC701	M5282FP	IC
R704	QRSA08J-100YN	RESISTOR
R705	QRSA08J-473YN	RESISTOR
R706	QRSA08J-102YN	RESISTOR
R707	QRSA08J-183YN	RESISTOR
R708	QRSA08J-333YN	RESISTOR
R709	QRSA08J-103YN	RESISTOR
R710	QRSA08J-682YN	RESISTOR
R711	QRSA08J-100YN	RESISTOR
R712	QRD162J-101	RESISTOR
C703	QER41EM-475ZE	E CAPACITOR
C704	QER40JM-476ZE	E CAPACITOR
C705	QCYA1HK-102	CAPACITOR
C706	QER41EM-475ZE	E CAPACITOR
C707	QCYA1HK-122	CAPACITOR
C708	QER41EM-475ZE	E CAPACITOR
C709	QER40JM-107ZE	E CAPACITOR
C710	QER41CM-106ZE	E CAPACITOR
C711	QER40JM-336ZE	E CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION

MIC1 BOARD ASSEMBLY <06>

	PWBA	YB10013A4-02	MIC 1 BOARD ASSY
	R701	QRSA08J-561YN	RESISTOR
	R702	QRSA08J-562YN	RESISTOR
	C701	QER40JM-226ZE	E CAPACITOR
	C702	QER40JM-476ZE	E CAPACITOR
	L702	PU53223-101J	COIL
	J701	PU59711	MIC JACK
	CN701	YU40095-2	CAP HOUSING
	CN702	YU40095-4	CAP HOUSING

TRIGGER BOARD ASSEMBLY <07>

	PWBA	YB20110E1-03	TRIGGER BOARD ASSY
	D900	ERA81-004	DIODE
	R900	QRD161J-683	RESISTOR
	SW28	YU40969	SLIDE SWITCH
	SW29	PU59843	TACT SWITCH
⚠	HD1	YU40170	FUSE CLIP,X2
	SPC1	YQ41108-1-1	SPACER
	CN-TG1	YU40095-3	CAP HOUSING
	CN-TG2	YU40096-4	CAP HOUSING
⚠	F1	QMF51E2-3R15	FUSE,INCL.TRIG.BOARD ASSY

F.E.H. BOARD ASSEMBLY <08>

	PWBA	PU59703D	F.E.H.BOARD ASSY
	IC1	3VT03	IC
	C1	QER41CM-106	E CAPACITOR
	C2	QFV41HJ-473	MY CAP

START SENCER BOARD ASSEMBLY <09>

	PWBA	YB10013A6	START SENSOR BOARD ASSY

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	Q802	TPS605	PHOTO TRANSISTOR
	C802	QCVC1CN-103	CAPACITOR

VIDEO-1 BOARD ASSEMBLY <21>

	PWBA	YB20072Z-C	VIDEO-1 BOARD ASSY
	IC2	UPD9319CGC	IC
	IC3	UPD6147G	IC
		or TC9229F	IC
		or UPD6147G	IC
		or TC9229F	IC
	IC4	UPD6148GS	IC
	IC5	H8D7091B	IC
	IC6	UPC2373GH	IC
	IC7	UPC2371GH	IC
	IC8	MSM6831MS	IC
		or MSM6831MS-XE	IC
	Q1	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q2	2SD1819(RS)	TRANSISTOR
	Q3	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q4	2SB1218(RS)	TRANSISTOR
	Q5	2SD1819(RS)	TRANSISTOR
	Q6	2SA1532(BC)	TRANSISTOR
	Q7	2SA1532(BC)	TRANSISTOR
	Q8	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q9	2SC4181	TRANSISTOR
	Q10	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q11	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q12	2SC4181	TRANSISTOR
	Q20	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q21	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q22	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q23	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q24	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q25	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q26	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q28	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q29	2SC3931(CD)	TRANSISTOR
	Q30	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	Q31	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q32	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q33	2SA1532(BC)	TRANSISTOR
		or 2SA1576(QR)	TRANSISTOR
	Q34	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q35	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	Q36	2SC3936(BC)	TRANSISTOR
		or 2SC4098(PQ)	TRANSISTOR
	D1	MA143	DIODE
	D2	MA141WA	DIODE
	R1	NRSA63J-105N	RESISTOR
	R2	NRSA63J-102N	RESISTOR
	R3	NRSA63J-152N	RESISTOR
	R4	NRSA63J-391N	RESISTOR
	R5	NRSA63J-332N	RESISTOR
	R6	NRSA63J-332N	RESISTOR
	R7	NRSA63J-270N	RESISTOR
	R8	NRSA63J-270N	RESISTOR
	R9	NRSA63J-121N	RESISTOR
	R10	NRSA63J-123N	RESISTOR
	R11	NRSA63J-153N	RESISTOR
	R12	NRSA63J-102N	RESISTOR
	R13	NRSA63J-393N	RESISTOR
	R14	NRSA63J-102N	RESISTOR
	R15	NRSA63J-683N	RESISTOR
	R16	NVP1301-104N	V RESISTOR,BLOOMING
	R17	NRSA63J-183N	RESISTOR
	R18	NRSA63J-184N	RESISTOR
	R19	NRSA63J-273N	RESISTOR
	R20	NRSA63J-912N	RESISTOR
	R21	NRSA63J-472N	RESISTOR
	R22	NRSA63J-303N	RESISTOR
	R23	NRSA63J-303N	RESISTOR
	R24	NRSA63J-332N	RESISTOR
	R25	NRSA63J-220N	RESISTOR
	R26	NRSA63J-104N	RESISTOR
	R27	NRSA63J-332N	RESISTOR
	R28	NRSA63J-100N	RESISTOR
	R29	NRSA63J-681N	RESISTOR
	R30	NRSA63J-182N	RESISTOR
	R31	NRSA63J-332N	RESISTOR
	R32	NRSA63J-222N	RESISTOR
	R33	NRSA63J-221N	RESISTOR
	R34	NRSA63J-331N	RESISTOR
	R35	NRSA63J-221N	RESISTOR
	R36	NRSA63J-681N	RESISTOR
	R37	NRSA63J-681N	RESISTOR
	R38	NRSA63J-560N	RESISTOR
	R39	NRSA63J-680N	RESISTOR
	R40	NRSA63J-102N	RESISTOR
	R41	NRSA63J-102N	RESISTOR
	R42	NRSA63J-182N	RESISTOR
	R43	NRSA63J-100N	RESISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R44	NRSA63J-272N	RESISTOR
	R46	NRSA63J-0R0A	RESISTOR
	R47	NRSA63J-0R0A	RESISTOR
	R50	NRSA63J-102N	RESISTOR
	R51	NRSA63J-102N	RESISTOR
	R52	NRSA63J-102N	RESISTOR
	R53	NRSA63J-332N	RESISTOR
	R54	NVP1301-223N	V RESISTOR,AGC
	R55	NRSA63J-473N	RESISTOR
	R56	NRSA63J-103N	RESISTOR
	R57	NRSA63J-303N	RESISTOR
	R58	NRSA63J-123N	RESISTOR
	R59	NRSA63J-473N	RESISTOR
	R60	NRSA63J-563N	RESISTOR
	R61	NRSA63J-102N	RESISTOR
	R62	NVP1301-103N	V RESISTOR,BLUE SEP
	R63	NVP1301-103N	V RESISTOR,RED SEP
	R64	NRSA63J-102N	RESISTOR
	R65	NVP1301-103N	V RESISTOR,R LEVEL
	R66	NVP1301-103N	V RESISTOR,B LEVEL
	R67	NRSA63J-332N	RESISTOR
	R68	NRSA63J-562N	RESISTOR
	R69	NRSA63J-102N	RESISTOR
	R70	NRSA63G-123N	RESISTOR
	R71	NRSA63G-103N	RESISTOR
	R72	NRSA63J-682N	RESISTOR
	R73	NRSA63J-103N	RESISTOR
	R74	NRSA63J-102N	RESISTOR
	R75	NVP1301-103N	V RESISTOR,R SET UP
	R76	NVP1301-103N	V RESISTOR,B SET UP
	R77	NRSA63J-102N	RESISTOR
	R78	NRSA63G-273N	RESISTOR
	R79	NRSA63G-393N	RESISTOR
	R80	NRSA63J-183N	RESISTOR
	R81	NRSA63J-243N	RESISTOR
	R82	NRSA63J-821N	RESISTOR
	R83	NRSA63J-122N	RESISTOR
	R84	NRSA63J-332N	RESISTOR
	R85	NRSA63J-102N	RESISTOR
	R86	NRSA63J-102N	RESISTOR
	R87	NRSA63J-102N	RESISTOR
	R88	NRSA63J-102N	RESISTOR
	R89	NRSA63J-562N	RESISTOR
	R90	NRSA63J-0R0A	RESISTOR
	R94	NRSA63J-102N	RESISTOR
	R95	NRSA63J-102N	RESISTOR
	R96	NRSA63J-102N	RESISTOR
	R97	NRSA63J-562N	RESISTOR
	R98	NRSA63J-222N	RESISTOR
	R99	NRSA63J-124N	RESISTOR
	R100	NRSA63J-102N	RESISTOR
	R101	NRSA63J-102N	RESISTOR
	R102	NRSA63J-102N	RESISTOR
	R103	NRSA63J-182N	RESISTOR
	R104	NRSA63J-391N	RESISTOR
	R105	NRSA63J-102N	RESISTOR
	R106	NRSA63J-271N	RESISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R107	NRSA63J-751N	RESISTOR
	R108	NRSA63J-222N	RESISTOR
	R109	NRSA63J-122N	RESISTOR
	R110	NRSA63J-472N	RESISTOR
	R111	NRSA63J-102N	RESISTOR
	R112	NRSA63J-102N	RESISTOR
	R113	NVP1301-222N	V RESISTOR,1H DELAYED SIG LEV
	R114	NRSA63J-153N	RESISTOR
	R115	NRSA63J-0R0A	RESISTOR
	R116	NRSA63J-0R0A	RESISTOR
	R117	NRSA63J-683N	RESISTOR
	R120	NRSA63J-182N	RESISTOR
	R121	NRSA63J-332N	RESISTOR
	R122	NRSA63J-822N	RESISTOR
	R123	NRSA63J-222N	RESISTOR
	R124	NRSA63J-102N	RESISTOR
	R125	NVP1301-103N	V RESISTOR,B-Y LEVEL
	R126	NRSA63J-821N	RESISTOR
	R127	NRSA63J-122N	RESISTOR
	R128	NRSA63J-105N	RESISTOR
	R130	NRSA63J-333N	RESISTOR
	R131	NRSA63J-104N	RESISTOR
	R132	NRSA63J-183N	RESISTOR
	R133	NRSA63J-333N	RESISTOR
	R134	NRSA63J-102N	RESISTOR
	R135	NVP1301-103N	V RESISTOR,Y LEVEL
	R136	NRSA63J-102N	RESISTOR
	R137	NRSA63J-102N	RESISTOR
	R138	NRSA63J-102N	RESISTOR
	R139	NRSA63J-102N	RESISTOR
	R140	NRSA63J-102N	RESISTOR
	R141	NRSA63J-333N	RESISTOR
	R142	NRSA63J-273N	RESISTOR
	R143	NRSA63J-243N	RESISTOR
	R144	NRSA63J-183N	RESISTOR
	R145	NRSA63J-102N	RESISTOR
	R146	NRSA63J-103N	RESISTOR
	R147	NRSA63J-103N	RESISTOR
	R148	NRSA63J-123N	RESISTOR
	R149	NVP1301-223N	V RESISTOR,COLOR D. OFFSET
	R151	NRSA63J-333N	RESISTOR
	R152	NRSA63J-104N	RESISTOR
	R154	NVP1301-103N	V RESISTOR,COLOR D. BALANCE
	R155	NRSA63J-102N	RESISTOR
	R156	NRSA63J-473N	RESISTOR
	R157	NRSA63J-563N	RESISTOR
	R158	QRD161J-104	RESISTOR
	C1	NCT07CH-8R0A	CAP
	C2	NCT07CH-100A	CAPACITOR
	C3	PU59867-100W	CHIP TRIM. CAP,OSC FREQ
	C5	NCT06CH-8R0A	CAPACITOR
	C8	NCB31EK-103A	CAPACITOR
	C9	NEH10JM-107NP	E CAPACITOR
		or NEH30JM-107NP	CAPACITOR
	C10	NCB31EK-103A	CAPACITOR
	C11	NEH10JM-226NZ	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C12	NCB31EK-103A	CAPACITOR
	C13	NEH11CM-106NZ	E CAPACITOR
		or NEH31CM-106NZ	E CAPACITOR
	C14	NCB31EK-103A	CAPACITOR
	C15	NCB31EK-103A	CAPACITOR
	C16	NEH11CM-476NP	E CAPACITOR
		or NEH31CM-476NP	CAPACITOR
	C17	NCB31EK-103A	CAPACITOR
	C18	NCB31EK-103A	CAPACITOR
	C19	NEH10JM-107NP	E CAPACITOR
		or NEH30JM-107NP	CAPACITOR
	C20	NEH11CM-476NP	E CAPACITOR
		or NEH31CM-476NP	CAPACITOR
	C21	NCB31EK-103A	CAPACITOR
	C22	NEH10JM-226NZ	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR
	C23	NCB31EK-103A	CAPACITOR
	C24	NCB31EK-103A	CAPACITOR
	C25	NEH11EM-475NZ	E CAPACITOR
		or NEH31EM-475NZ	E CAPACITOR
	C26	NCB31EK-103A	CAPACITOR
	C27	NCB31EK-103A	CAPACITOR
	C28	NCB31EK-103A	CAPACITOR
	C29	NCB31EK-103A	CAPACITOR
	C30	NCB31EK-103A	CAPACITOR
	C31	NCB31EK-103A	CAPACITOR
	C32	NEH11CM-106NZ	E CAPACITOR
		or NEH31CM-106NZ	E CAPACITOR
	C33	NCB31EK-103A	CAPACITOR
	C34	QEF81AM-106	TANTAL CAPACITOR
	C35	NEH10JM-226NZ	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR
	C36	NCB31EK-103A	CAPACITOR
	C37	NCT07CH-221A	CAPACITOR
	C38	QEF80GM-106	TANTAL CAPACITOR
	C39	NCT07CH-330A	CAPACITOR
	C40	NCT07CH-470A	CAPACITOR
	C41	NCT07CH-470A	CAPACITOR
	C42	QCY81HK-473	CAPACITOR
		or NCB11HK-473P	CAPACITOR
	C43	NEH11EM-475NZ	E CAPACITOR
		or NEH31EM-475NZ	E CAPACITOR
	C45	NCB31EK-103A	CAPACITOR
	C46	NCB31EK-103A	CAPACITOR
	C47	NCB31EK-103A	CAPACITOR
	C48	NCB31EK-103A	CAPACITOR
	C49	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C50	NEH10JM-226NZ	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR
	C51	NCB31EK-103A	CAPACITOR
	C52	YU40265-1	E CAPACITOR
	C52	ORQEZ0149-567	E CAPACITOR
	C53	NCB31EK-103A	CAPACITOR
	C54	NEH11CM-106NZ	E CAPACITOR
		or NEH31CM-106NZ	E CAPACITOR
	C55	NEH10JM-226NZ	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C56	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C57	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C58	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C59	QCFA1EZ-104	CAPACITOR
	C60	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C61	QCFA1EZ-104	CAPACITOR
	C62	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C63	QCFA1EZ-104	CAPACITOR
	C64	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C65	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C66	QCFA1EZ-104	CAPACITOR
	C67	QCFA1EZ-104	CAPACITOR
	C68	QCFA1EZ-104	CAPACITOR
	C69	QCFA1EZ-104	CAPACITOR
	C70	QCFA1EZ-104	CAPACITOR
	C71	QCFA1EZ-104	CAPACITOR
	C72	NCB31EK-103A	CAPACITOR
	C73	NEH10JM-107NP	E CAPACITOR
		or NEH30JM-107NP	CAPACITOR
	C74	NCF31CZ-104A	CAPACITOR
	C79	NCF31CZ-104A	CAPACITOR
	C80	QEF81AM-106	TANTAL CAPACITOR
	C81	QEF81CM-475	TANTAL CAPACITOR
	C82	QEF81VM-334	TANTAL CAPACITOR
	C83	QEF81VM-334	TANTAL CAPACITOR
	C84	NCB31EK-103A	CAPACITOR
	C85	NCB31EK-103A	CAPACITOR
	C86	QEF81AM-475	TANTAL CAPACITOR
	C87	NCB31EK-103A	CAPACITOR
	C88	NCB31EK-103A	CAPACITOR
	C89	QEF81AM-475	TANTAL CAPACITOR
	C90	QEF81AM-475	TANTAL CAPACITOR
	C91	NCF31CZ-104A	CAPACITOR
	C92	NCF31CZ-104A	CAPACITOR
	C100	NEH10JM-226NZ	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR
	C101	NCB31EK-103A	CAPACITOR
	C102	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C103	NCF31CZ-104A	CAPACITOR
	C104	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C105	NCT07CH-220A	CAPACITOR
	C106	NCB31EK-103A	CAPACITOR
	C107	QEF81AM-106	TANTAL CAPACITOR
	C108	NCB31EK-103A	CAPACITOR
	C109	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C110	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C111	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C112	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C113	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C114	PU59913-473	CAPACITOR
		or NCR21CM-473A	CAPACITOR
	C115	NCB31EK-103A	CAPACITOR
	C116	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C119	PU59758-105	CAPACITOR
		or QCF81CZ-105	CAPACITOR
	C121	YU41322-681	CAPACITOR
	C130	QCY81EK-104Z	CAPACITOR
	L101	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L102	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L103	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L104	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L105	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L106	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L107	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L108	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L109	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L110	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L111	YU41135-470KY	COIL
		or YU40740-470KY	COIL
	L112	YU40248-220KY	COIL
		or YU40740-220KY	COIL
	L113	YU41135-470KY	COIL
		or YU40740-220KY	COIL
	EQ102	YU40127-2	EQUALIZER
	EQ103	YU40082-3	EQUALIZER
	LPF103	YU40525	LOW PASS FILTER
	LPF104	YU40600	LOW PASS FILTER
		or YU40444	LOW PASS FILTER
	LPF105	YU40443	LOW PASS FILTER
	LPF106	YU40444	LOW PASS FILTER
		or YU40600-P	LOW PASS FILTER
	DL101	YU40909	DELAY LINE
⚠	X101	YU40524	CRYSTAL RESONATOR
	TRAP101	YU41244	CHIP TRAPTR
	SLD1	YU40554-1-1	INSULATER
	TP101	YU40581-AY	CHIP TP(2125)

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	TP102	YU40581-AY	CHIP TP(2125)
	TP103	YU40581-AY	CHIP TP(2125)
	TP104	YU40581-AY	CHIP TP(2125)
	TP105	YU40581-AY	CHIP TP(2125)
	TP106	YU40581-AY	CHIP TP(2125)
	TP107	YU40581-AY	CHIP TP(2125)
	CN101	PU58655-3	CAP HOUSING
	CN102	PU58654-10	CAP HOUSING
	CN103	YU40101-10	CAP HOUSING,(BOARD TO BOARD)
	CN104	YU40101-8	CAP HOUSING,(BOARD TO BOARD)
	CN105	YU40103-8	CAP HOUSING,(BOARD TO BOARD)
	CN106	YU40101-10	CAP HOUSING,(BOARD TO BOARD)
	CN107	YU40101-8	CAP HOUSING,(BOARD TO BOARD)
⚠	CP101	ICP-F20	CIRCUIT PROTECTOR
⚠	CP102	ICP-F10	CIRCUIT PROTECTOR

VIDEO-2 BOARD ASSEMBLY <22>

	PWBA	YB20073Y-03	VIDEO-2 BOARD ASSY
	IC201	MSM6985MS	IC
	or	MSM6985MS-XK	IC
	IC202	MSM6985MS	IC
	or	MSM6985MS-XK	IC
	Q201	2SC3936(BC)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	Q202	2SA1532(BC)	TRANSISTOR
	or	2SA1576(QR)	TRANSISTOR
	Q203	2SC3936(BC)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	Q204	2SA1532(BC)	TRANSISTOR
	or	2SA1576(QR)	TRANSISTOR
	R201	QRSA08J-0R0Y	RESISTOR
	R203	QRSA08J-152YN	RESISTOR
	R204	QRSA08J-102YN	RESISTOR
	R205	QRSA08J-102YN	RESISTOR
	R206	QRSA08J-222YN	RESISTOR
	R207	QRSA08J-472YN	RESISTOR
	R208	QRSA08J-123YN	RESISTOR
	R209	QRSA08J-152YN	RESISTOR
	R210	QRSA08J-102YN	RESISTOR
	R211	QRSA08J-102YN	RESISTOR
	R212	QRSA08J-222YN	RESISTOR
	C201	QEF81CM-685	TANTAL CAPACITOR
	C202	QEF81AM-475	TANTAL CAPACITOR
	C203	QCYA1HJ-103	CAPACITOR
	C204	QCYA1HJ-103	CAPACITOR
	C205	QCYA1HJ-103	CAPACITOR
	C206	QCYA1HJ-103	CAPACITOR
	C207	QCFA1EZ-104	CAPACITOR
	C208	QEF81AM-475	TANTAL CAPACITOR
	C209	QCYA1HJ-103	CAPACITOR
	C210	QCYA1HJ-103	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C211	QCYA1HJ-103	CAPACITOR
	C212	QCYA1HJ-103	CAPACITOR
	C213	QCFA1EZ-104	CAPACITOR
	C214	QEF81AM-475	TANTAL CAPACITOR
	L201	YU41135-220KY	COIL
	L202	YU41135-220KY	COIL
	LPF201	YU40392	LOW PASS FILTER
	LPF202	YU40392	LOW PASS FILTER
	CN201	YU40105-8	CAP HOUSIN,(BOARD TO BOARD)

ENCODER BOARD ASSEMBLY <23>

	PWBA	YB20195A-C	ENCODER BOARD ASSY
	IC301	AN2276S	IC
	or	AN2276S-X2	IC
	or	AN2276S	IC
	IC302	BA7606F	IC
	IC303	MC8181D	IC
	IC304	TC4S71F	IC
	IC305	NJM4560M	IC
	or	BA4560F	IC
	or	RC4560M	IC
	IC306	NJM4560M	IC
	or	BA4560F	IC
	or	RC4560M	IC
	IC307	H8D7051A	IC
	IC308	TC4S69F	IC
	IC309	TC4S81F	IC
	IC310	TC4S81F	IC
	Q301	2SC3936(BC)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	Q302	2SC3936(C)	TRANSISTOR
	or	2SC4177(6)	TRANSISTOR
	or	2SC4098(Q)	TRANSISTOR
	Q303	2SC3936(C)	TRANSISTOR
	or	2SC4098(Q)	TRANSISTOR
	or	2SC4177(6)	TRANSISTOR
	Q304	2SA1532(BC)	TRANSISTOR
	or	2SA1576(QR)	TRANSISTOR
	Q305	2SC3936(BC)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	Q306	2SC3936(BC)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	Q307	2SC3936(BC)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	Q308	2SC3936(BC)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR
	Q309	2SC3936(BC)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	Q310	2SC3936(BC)	TRANSISTOR
	or	2SC4098(PQ)	TRANSISTOR
	or	2SC4177(56)	TRANSISTOR
	Q311	2SC3931(BC)	TRANSISTOR
	or	2SC4099(NP)	TRANSISTOR
	or	2SC4178(34)	TRANSISTOR
	D301	RD7.5M-T1B2	ZENER DIODE
	D302	MA141WA	DIODE
	R301	NRSA63J-103N	RESISTOR
	R302	NRSA63J-102N	RESISTOR
	R303	NRSA63J-103N	RESISTOR
	R304	NRSA63J-152N	RESISTOR
	R305	NRSA63J-222N	RESISTOR
	R306	NRSA63J-471N	RESISTOR
	R307	NRSA63J-123N	RESISTOR
	R308	NRSA63J-392N	RESISTOR
	R309	NRSA63J-123N	RESISTOR
	R310	NRSA63J-103N	RESISTOR
	R311	NRSA63G-224N	RESISTOR
	R312	NRSA63G-223N	RESISTOR
	R313	NRSA63G-473N	RESISTOR
	R314	NRSA63J-122N	RESISTOR
	R315	NRSA63J-682N	RESISTOR
	R316	NRSA63G-223N	RESISTOR
	R317	NRSA63G-683N	RESISTOR
	R318	NRSA63J-123N	RESISTOR
	R319	NRSA63J-103N	RESISTOR
	R320	NRSA63J-103N	RESISTOR
	R321	NRSA63J-562N	RESISTOR
	R322	NRSA63G-223N	RESISTOR
	R323	NRSA63J-123N	RESISTOR
	R324	NRSA63J-562N	RESISTOR
	R325	NRSA63G-224N	RESISTOR
	R326	NRSA63J-222N	RESISTOR
	R327	NVP1301-223N	V RESISTOR,WHITE CLIP LEVEL
	R328	NRSA63J-222N	RESISTOR
	R329	NRSA63J-102N	RESISTOR
	R330	NVP1301-103N	V RESISTOR,SYNC LEVEL
	R331	NRSA63J-153N	RESISTOR
	R332	NRSA63J-822N	RESISTOR
	R333	NRSA63J-271N	RESISTOR
	R334	NRSA63J-103N	RESISTOR
	R335	NRSA63J-682N	RESISTOR
	R336	NRSA63J-103N	RESISTOR
	R337	NRSA63J-102N	RESISTOR
	R338	NRSA63J-152N	RESISTOR
	R339	NRSA63J-103N	RESISTOR
	R340	NRSA63J-100N	RESISTOR
	R341	NRSA63J-223N	RESISTOR
	R342	NRSA63J-223N	RESISTOR
	R343	NRSA63J-223N	RESISTOR
	R344	NVP1301-223N	V RESISTOR,R ENCODER BALANCE
	R345	NVP1301-223N	V RESISTOR,B ENCODER BALANCE
	R346	NRSA63J-102N	RESISTOR
	R347	NVP1301-473N	V RESISTOR,SUB CARR PHASE
	R348	NRSA63J-102N	RESISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R349	NRSA63J-152N	RESISTOR
	R350	NRSA63J-100N	RESISTOR
	R351	NRSA63J-102N	RESISTOR
	R352	NRSA63J-223N	RESISTOR
	R353	NVP1301-103N	V RESISTOR,BURST LEVEL
	R354	NRSA63J-223N	RESISTOR
	R355	NRSA63J-102N	RESISTOR
	R356	NVP1301-103N	V RESISTOR,COLOR LEVEL
	R357	NRSA63J-102N	RESISTOR
	R358	NRSA63J-272N	RESISTOR
	R359	NRSA63J-102N	RESISTOR
	R360	NRSA63J-821N	RESISTOR
	R361	NRSA63J-681N	RESISTOR
	R362	NRSA63J-821N	RESISTOR
	R363	NRSA63J-681N	RESISTOR
	R364	NVP1301-222N	V RESISTOR,BURST PHASE
	R365	NRSA63J-562N	RESISTOR
	R370	NRSA63J-394N	RESISTOR
	R374	NRSA63J-103N	RESISTOR
	R375	NVP1301-223N	V RESISTOR,B LINE SW CARR
	R376	NVP1301-223N	V RESISTOR,R LINE SW CARR
	R378	NRSA63J-102N	RESISTOR
	R379	NRSA63J-223N	RESISTOR
	R380	NRSA63J-103N	RESISTOR
	R381	NRSA63J-103N	RESISTOR
	R383	NRSA63J-272N	RESISTOR
	R384	NRSA63J-272N	RESISTOR
	R385	NVP1301-103N	V RESISTOR,RED PHASE
	R388	NRSA63J-681N	RESISTOR
	R390	NRSA63J-331N	RESISTOR
	R391	NRSA63G-103N	RESISTOR
	R392	NRSA63J-102N	RESISTOR
	R393	NRSA63J-824N	RESISTOR
	R394	ORD161J-102	RESISTOR
	C301	NCR21CM-473A	CAPACITOR
	or	NCR21CK-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	C302	NCR21CM-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	or	NCR21CK-473A	CAPACITOR
	C303	NCR21CM-473A	CAPACITOR
	or	NCR21CK-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	C304	NCR21CM-473A	CAPACITOR
	or	NCR21CK-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	C305	NCR21CM-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	or	NCR21CK-473A	CAPACITOR
	C306	NCR21CM-473A	CAPACITOR
	or	NCR21CK-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	C307	NEH11CM-106NZ	E CAPACITOR
	C308	NEH11CM-106NZ	E CAPACITOR
	C309	QEF81EM-155	TANTAL CAPACITOR
	C310	NCR21CM-473A	CAPACITOR
	or	PU59913-473	CAPACITOR
	or	NCR21CK-473A	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C311	NCR21CM-473A	CAPACITOR
		or NCR21CK-473A	CAPACITOR
		or PU59913-473	CAPACITOR
	C312	NCR21CM-473A	CAPACITOR
		or NCR21CK-473A	CAPACITOR
		or PU59913-473	CAPACITOR
	C313	NCR21CM-473A	CAPACITOR
		or NCR21CK-473A	CAPACITOR
		or PU59913-473	CAPACITOR
	C314	NCB31EK-103A	CAPACITOR
	C315	NCB31EK-103A	CAPACITOR
	C316	NCB31EK-103A	CAPACITOR
	C317	NCB31EK-103A	CAPACITOR
	C318	QEF80GM-226	TANTAL CAPACITOR
	C319	NCT07CH-470A	CAPACITOR
	C320	NCT07CH-560A	CAPACITOR
	C321	NCT07CH-560A	CAPACITOR
	C322	NCB31EK-103A	CAPACITOR
	C323	NCB31EK-103A	CAPACITOR
	C324	NCB31EK-103A	CAPACITOR
	C325	QED40JM-127	E CAPACITOR
	C326	NCB31EK-103A	CAPACITOR
	C327	NCB31EK-103A	CAPACITOR
	C328	QEJ41CM-476	TANTAL CAPACITOR
	C329	NCB31EK-103A	CAPACITOR
	C330	NEH10JM-226NZ	E CAPACITOR
	C331	NEH10JM-226NZ	E CAPACITOR
	C332	NCB31EK-103A	CAPACITOR
	C333	NEH10JM-226NZ	E CAPACITOR
	C334	NCB31EK-103A	CAPACITOR
	C335	NCS31HJ-331A	CAPACITOR
	C336	PU59758-105	CAPACITOR
	C336	ORQCF81CZ-105	CAPACITOR
	C337	PU59758-105	CAPACITOR
	C337	ORQCF81CZ-105	CAPACITOR
	C339	NCT07CH-101A	CAPACITOR
	C340	NCT07CH-101A	CAPACITOR
	C341	NCF31CZ-104A	CAPACITOR
	C342	NCF31CZ-104A	CAPACITOR
	C343	NCB31EK-103A	CAPACITOR
	C347	NCB31EK-103A	CAPACITOR
	L301	YU40248-220KY	COIL
	L302	YU40248-220KY	COIL
	L304	YU40248-101KY	COIL
	EQ301	YU40720	EQUALIZER
	BPF301	YU41242	BAND PASS FILT
	TP303	YU40648	TEST PIN
	TP304	YU40648	TEST PIN
	CN301	YU40105-10	CAP HOUSING(BOARD TO BOARD)
	CN302	YU40096-8	CAP HOUSING
	CN303	YU40096-2Y	CAP HOUSING
	CN304	YU40096-4Y	CAP HOUSING
	CN305	YU40105-8	CAP HOUSING(BOARD TO BOARD)

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION

INDICATOR-1 BOARD ASSEMBLY <24>

	PWBA	YB20188C-01-C	INDICATOR-1 BOARD ASSY
	IC401	VC2512	IC
	IC402	VC2041	IC
	IC402	ORVC2041-X2	IC
	IC404	UPC324G2	IC
	IC405	6VT07	IC
	Q403	2SC3936(BC)	TRANSISTOR
	Q404	2SC3936(BC)	TRANSISTOR
	Q405	2SC3936(BC)	TRANSISTOR
	Q406	2SC3936(BC)	TRANSISTOR
	Q407	2SA1532(BC)	TRANSISTOR
	Q408	2SA1532(BC)	TRANSISTOR
	Q409	2SK198P,Q	FE TRANSISTOR
	Q410	2SC3936(BC)	TRANSISTOR
	Q411	2SA1532(BC)	TRANSISTOR
	Q412	2SA1532(BC)	TRANSISTOR
	Q413	2SA1532(BC)	TRANSISTOR
	D401	RD8.2MB2	ZENER DIODE
	or	RD8.2MB3	ZENER DIODE
	D402	MA704	DIODE
	D403	MA141WK	DIODE
⚠	D404	MA704	DIODE
	D405	MA141WA	DIODE
	R401	NRSA63J-122N	RESISTOR
	R402	NVP1301-472N	V RESISTOR,TITLE OSC
	R404	NRSA63J-0R0A	RESISTOR
	R405	NRSA63J-0R0A	RESISTOR
	R407	NRSA63J-0R0A	RESISTOR
	R409	NRSA63J-223N	RESISTOR
⚠	R413	NRSA63J-222N	RESISTOR
	R420	NRSA63J-222N	RESISTOR
	R421	NRSA63J-222N	RESISTOR
	R422	NRSA63J-393N	RESISTOR
	R423	NRSA63J-682N	RESISTOR
	R424	NRSA63J-333N	RESISTOR
	R425	NRSA63J-103N	RESISTOR
	R426	NRSA63J-152N	RESISTOR
	R427	NRSA63J-222N	RESISTOR
	R428	NRSA63J-152N	RESISTOR
	R429	NRSA63J-472N	RESISTOR
	R430	NRSA63J-101N	RESISTOR
	R431	NRSA63J-472N	RESISTOR
	R432	NRSA63J-333N	RESISTOR
	R433	NRSA63J-223N	RESISTOR
	R434	NRSA63J-101N	RESISTOR
	R435	NRSA63J-333N	RESISTOR
	R436	NRSA63J-223N	RESISTOR
	R437	NRSA631J-473N	RESISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R438	NRSA63J-473N	RESISTOR
	R439	NRSA63J-122N	RESISTOR
	R440	NRSA63J-683N	RESISTOR
	R441	NRSA63J-682N	RESISTOR
	R442	NRSA63J-153N	RESISTOR
	R443	NRSA63J-222N	RESISTOR
	R445	NRSA63J-272N	RESISTOR
	R446	NVP1301-102N	V RESISTOR,IRIS ADJ
	R447	NRSA63J-222N	RESISTOR
	R448	NRSA63J-560N	RESISTOR
	R449	NRSA63J-273N	RESISTOR
	R450	NRSA63J-223N	RESISTOR
	R451	NRSA63J-473N	RESISTOR
	R452	NRSA63J-123N	RESISTOR
	R453	NRSA63J-123N	RESISTOR
	R454	NRSA63J-103N	RESISTOR
	R455	NRSA63J-103N	RESISTOR
	R457	NRSA63J-0R0A	RESISTOR
	R458	NRSA63J-102N	RESISTOR
	R459	NRSA63J-103N	RESISTOR
	R460	NRSA63J-103N	RESISTOR
	R462	NRSA63J-0R0A	RESISTOR
	R463	NRSA63J-333N	RESISTOR
	R464	NRSA63J-682N	RESISTOR
	R465	NRSA63J-104N	RESISTOR
	R466	NRSA63J-104N	RESISTOR
	R467	NRSA63J-104N	RESISTOR
	R468	NRSA63J-104N	RESISTOR
	R469	NRSA63J-103N	RESISTOR
	R470	NRSA63J-102N	RESISTOR
	R471	NRSA63J-104N	RESISTOR
	R474	NRSA63J-222N	RESISTOR
	R475	NRSA63J-222N	RESISTOR
	R476	NRSA63J-0R0A	RESISTOR
	R478	NRSA63J-104N	RESISTOR
	R479	NRSA63J-104N	RESISTOR
	R480	NRSA63J-104N	RESISTOR
	R482	NRSA63J-0R0A	RESISTOR
	R484	NRSA63J-0R0A	RESISTOR
	R488	NRSA63J-0R0A	RESISTOR
	R490	NRSA63J-102N	RESISTOR
	R493	NRSA63J-0R0A	RESISTOR
	R495	NRSA63J-0R0A	RESISTOR
	R497	NRSA63J-0R0A	RESISTOR
	C402	NCF31CZ-104A	CAPACITOR
	C403	QEF81CM-226	TANTAL CAPACITOR
	C404	NCF31CZ-104A	CAPACITOR
	C405	NCT07CH-180A	CAPACITOR
	C406	NCT07CH-220A	CAPACITOR
	C407	NCT07CH-220A	CAPACITOR
	C408-2	QEF80JM-476XB	TANTAL CAPACITOR
	C409	ECEV0JV220R	E CAPACITOR
	C410	QCFA1EZ-104	CAPACITOR
	C413	PU59758-105	CAPACITOR
	or	QCF81CZ-105	CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTI
	C414	ECEV1CV100R	E CAPACITOR
	C415	ECEV0JV220R	E CAPACITOR
	C416	NCT07CH-101A	CAPACITOR
	C417	NCF31CZ-104A	CAPACITOR
	C418	QEF80GM-226	TANTAL CAPACITOR
	C418	ORQEF80JM-226	TANTAL CAPACITOR
	C419	QEF80JM-106	TANTAL CAPACITOR
	C420	QEF80JM-475	TANTAL CAPACITOR
	C421	QEF81EM-474	TANTAL CAPACITOR
	C422	ECEV1CV100R	E CAPACITOR
	C423	NCB31EK-103A	CAPACITOR
	C425	NCS31HK-221A	CAPACITOR
	C426	NCF31CZ-104A	CAPACITOR
	C427	NCF31CZ-104A	CAPACITOR
	C428	NCF31CZ-104A	CAPACITOR
	C429	NCF31CZ-104A	CAPACITOR
	C433	NCF31CZ-104A	CAPACITOR
	C434	NCB31EK-103A	CAPACITOR
	C435	NCB31EK-103A	CAPACITOR
	C437	NCB31EK-103A	CAPACITOR
	C438	NCF31CZ-104A	CAPACITOR
	C440	YU40470-104	CAPACITOR
	C441	YU40470-104	CAPACITOR
	C442	YU40470-104	CAPACITOR
	C443	YU40470-103	CAPACITOR
	L401	YU40248-220KY	COIL
	L402	PU58201-120K	COIL
	L405	PU58201-120K	COIL
	L406	PU58201-120K	COIL
⚠	X401	YU40141	CRYSTAL RESONATOR
	WR1	YU40616	FLAT WIRE 5
	or	YU40896	FLAT WIRE 5
	or	YU41187	FLAT WIRE(2)
	CN401	YU40179-110	CAP HOUSING
	CN402	YU40108-10	CAP HOUSING
	CN403	YU40105-10	CAP HOUSING(BOARD TO BOA
	CN404	YU40105-22	CAP HOUSING(BOARD TO BOA
	CN405	YU40096-7	CAP HOUSING
	CN408	YU40096-10	CAP HOUSING
	CN409	YU40096-2R	CAP HOUSING
	CN410	YU40096-2R	CAP HOUSING
	CN411	YU40105-8	CAP HOUSING(BOARD TO BOA
	CN412	YU40096-3Y	CAP HOUSING
	CN413	YU40096-3	CAP HOUSING

FULL AUTO BOARD ASSEMBLY <25>

	PWBA	YB20031Y-01-C	FAW BOARD ASSY
	IC501	VC2038	IC
	IC502	BA10324F	IC
	or	UPC324G2	IC
	or	XRA10324F	IC

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	IC503	BA10324F	IC
		or UPC324G2	IC
		or XRA10324F	IC
	PD501	PD170V1	PHOTO DIODE
	R501	NRSA63J-154N	RESISTOR
	R502	NRSA63J-123N	RESISTOR
	R503	NVP1301-223N	V RESISTOR,AW INDOOR B
	R504	NRSA63J-563N	RESISTOR
	R505	NRSA63J-183N	RESISTOR
	R506	NVP1301-223N	V RESISTOR,AW INDOOR R
	R507	NRSA63J-563N	RESISTOR
	R508	NRSA63J-223N	RESISTOR
	R509	NRSA63J-683N	RESISTOR
	R511	NRSA63J-473N	RESISTOR
	R512	NRSA63J-473N	RESISTOR
	R513	NRSA63J-823N	RESISTOR
	R514	NRSA63J-0R0A	RESISTOR
	R515	NVP1301-473N	V RESISTOR,AW INDOOR R LIM
	R516	NRSA63J-473N	RESISTOR
	R518	NRSA63J-0R0A	RESISTOR
	R519	NVP1301-473N	V RESISTOR,AW OUTDOOR R LIM
	R520	NRSA63J-473N	RESISTOR
	R522	QRSA08F-223YN	RESISTOR
	R523	NVP1301-473N	V RESISTOR,PRESET FL B
	R524	QRSA08F-513YN	RESISTOR
	R525	NRSA63J-0R0A	RESISTOR
	R526	QRSA08J-0R0Y	RESISTOR
	R527	NVP1301-473N	V RESISTOR,OUTDOOR B
	R528	QRSA08J-473YN	RESISTOR
	R530	NRSA63J-0R0A	RESISTOR
	R531	NVP1301-473N	V RESISTOR,AW OUTDOOR B LIM
	R532	NRSA63J-473N	RESISTOR
	R534	NRSA63J-0R0A	RESISTOR
	R535	NVP1301-473N	V RESISTOR,AW INDOOR B LIM
	R536	NRSA63J-473N	RESISTOR
	R538	QRSA08F-223YN	RESISTOR
	R539	NVP1301-473N	V RESISTOR,PRESET FL R
	R540	QRSA08F-433YN	RESISTOR
	R541	NRSA63J-0R0A	RESISTOR
	R542	QRSA08F-223YN	RESISTOR
	R544	QRSA08F-473YN	RESISTOR
	R546	QRSA08J-0R0Y	RESISTOR
	R547	NVP1301-473N	V RESISTOR,OUTDOOR R
	R548	QRSA08J-473YN	RESISTOR
	R550	QRSA08F-183YN	RESISTOR
	R552	QRSA08F-563YN	RESISTOR
	R554	NRSA63J-102N	RESISTOR
	R555	NRSA63J-182N	RESISTOR
	R556	NRSA63J-102N	RESISTOR
	R557	NRSA63J-122N	RESISTOR
	R558	NRSA63J-104N	RESISTOR
	R559	NVP1301-224N	V RESISTOR,AW OUTDOOR B
	R560	NRSA63J-102N	RESISTOR
	R561	NRSA63J-153N	RESISTOR
	R562	NRSA63J-153N	RESISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R563	NVP1301-224N	V RESISTOR,AW OUTDOOR R
	R564	NRSA63J-102N	RESISTOR
	R565	NRSA63J-104N	RESISTOR
	R566	NRSA63J-103N	RESISTOR
	R567	NRSA63J-103N	RESISTOR
	R572	NRSA63J-472N	RESISTOR
	R573	NRSA63J-0R0A	RESISTOR
	R574	NRSA63J-222N	RESISTOR
	R575	NRSA63J-0R0A	RESISTOR
	R576	NRSA63J-0R0A	RESISTOR
	R581	NRSA63J-101N	RESISTOR
	R582	NRSA63J-101N	RESISTOR
	C502	NCB31EK-103A	CAPACITOR
	C503	NEH11CM-106NZ	E CAPACITOR
	C504	NCB31HK-272A	CAPACITOR
	C505	NCB31HK-272A	CAPACITOR
	C506	NCB31HK-272A	CAPACITOR
	C507	NEH11CM-106NZ	E CAPACITOR
	C508	NCB31EK-103A	CAPACITOR
	C509	NEH10JM-226NZ	E CAPACITOR
	C510	NEH11EM-475NZ	E CAPACITOR
	C511	NEH11EM-475NZ	E CAPACITOR
	C516	NCB31EK-103A	CAPACITOR
	L501	PU58201-220K	COIL
		or YU40248-220KY	COIL
	FIL1	YQ40394	WHITE FILTER
	SLD1	YQ40395	W.B.SHIELD CASE
	SLD2	YQ40396	W.B.SHIELD PLAT
	CN501	YU40101-22	CAP HOUSING(BOARD TO BOARD)
	CN502	YU40101-12	CAP HOUSING(BOARD TO BOARD)
	CN503	YU40095-4	CAP HOUSING

CAMERA CONTROL BOARD ASSEMBLY <26>

	PWBA	YB20187B-02-C	CAMERA CONTROL BOARD ASSY
	IC601	UPD4011BG	IC
	Q601	2SD602(Q)	TRANSISTOR
		or 2SD602(R)	TRANSISTOR
	Q602	2SD602(Q)	TRANSISTOR
		or 2SD602(R)	TRANSISTOR
	Q603	DTC144WK	TRANSISTOR
	D601	SLN-210VC74	LE DIODE
	D602	RD8.2MB2	ZENER DIODE
		or RD8.2MB3	ZENER DIODE
	D603	RD8.2MB2	ZENER DIODE
		or RD8.2MB3	ZENER DIODE
	R601	QRSA08J-222YN	RESISTOR
	R602	QRSA08J-222YN	RESISTOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	R603	QRSA08J-332YN	RESISTOR
	R604	QRSA08J-472YN	RESISTOR
	R606	QRSA08J-0R0Y	RESISTOR
	R607	QRSA08J-0R0Y	RESISTOR
	R608	QRSA08J-0R0Y	RESISTOR
	R609	QRSA08J-0R0Y	RESISTOR
	R610	QRSA08J-0R0Y	RESISTOR
	R611	QRSA08J-0R0Y	RESISTOR
	R612	QRSA08J-0R0Y	RESISTOR
	R613	QRSA08J-223YN	RESISTOR
	R614	QRSA08J-682YN	RESISTOR
	R615	QRSA08J-333YN	RESISTOR
	R616	QRSA08J-223YN	RESISTOR
	R617	QRSA08J-103YN	RESISTOR
	R618	QRSA08J-182YN	RESISTOR
	R619	QRSA08J-182YN	RESISTOR
	R620	QRSA08J-152YN	RESISTOR
	R621	QRSA08J-152YN	RESISTOR
	R622	QRSA08J-105YN	RESISTOR
	R623	QRSA08J-103YN	RESISTOR
	R624	QRSA08J-103YN	RESISTOR
	R625	QRSA08J-103YN	RESISTOR
	R626	QRSA08J-102YN	RESISTOR
	R627	QRSA08J-103YN	RESISTOR
	R628	QRSA08J-470YN	RESISTOR
	R629	QRSA08J-103YN	RESISTOR
	R630	QRSA08J-0R0Y	RESISTOR
	R631	QRSA08J-0R0Y	RESISTOR
	R632	QRSA08J-0R0Y	RESISTOR
	R633	QRSA08J-0R0Y	RESISTOR
	R634	QRSA08J-0R0Y	RESISTOR
	R635	QRSA08J-0R0Y	RESISTOR
	R636	QRSA08J-0R0Y	RESISTOR
	C601	QCFA1EZ-104	CAPACITOR
	C602	YU40265-5	E CAPACITOR
	C603	QCYA1HK-123	CAPACITOR
	C604	QCYA1HK-103	CAPACITOR
	C605	QER41CM-226	E CAPACITOR
	C606	YU40470-104	CAPACITOR
	L601	YU40601-12	COIL
	CF601	YU40843	BUZZER
		or YU40844	BUZZER
	SW601	YU41095-Z	TACT SWITCH
	SW602	YU41095-Z	TACT SWITCH
	SW603	YU41095-Z	TACT SWITCH
	SW604	YU41095-Z	TACT SWITCH
	SW605	YU41095-Z	TACT SWITCH
	SW606	YU41095-Z	TACT SWITCH
	SW607	YU41095-Z	TACT SWITCH
	SW608	YU41095-Z	TACT SWITCH
	SW609	YU41095-Z	TACT SWITCH
	SW610	YU41095-Z	TACT SWITCH
	SW611	YU41095-Z	TACT SWITCH
	SW612	YU41095-Z	TACT SWITCH

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	SW613	YU41095-Z	TACT SWITCH
	SW614	YU41095-Z	TACT SWITCH
	SW615	YU41095-Z	TACT SWITCH
	SW616	YU41095-Z	TACT SWITCH
	SW617	YU41099	SLIDE SWITCH
	SW618	YU40807	SLIDE SWITCH
	SPC1	YU40854	SEAL,FOR BUZZER
	CN-601	YU40108-10	CAP HOUSING
	CN-602	YU40950-110	CAP HOUSING
	CN-604	YU40095-2	CAP HOUSING
⚠	CP601	ICP-F20	CIRCUIT PROTECTOR

INDICATOR-2 BOARD ASSEMBLY <28>

	PWBA	YB20077A-01-C	IND-2 BOARD ASSY
	IC801	VC2081	IC
	IC802	M5M5256FP	IC
		or M5M5256BFP-L	IC
		or UPD43256AGU	IC
		or M5M5256BFP-LL	IC
		or SRM20256LM	IC
		or UPD43256GU	IC
	IC803	M54641FP	IC
	IC804	MN12821(QR)	IC
	Q801	2SA1532(BC)	TRANSISTOR
	D801	MA714	DIODE
	D802	MA141WA	DIODE
	R801	NVP1301-222N	V RESISTOR,TITLE OSC
	R802	NRSA63J-102N	RESISTOR
	R803	ERT-D2FGL601S	THERMISTOR
	R804	NRSA63J-151N	RESISTOR
	R805	NRSA63J-104N	RESISTOR
	R806	NRSA63J-104N	RESISTOR
	R811	NRSA63J-101N	RESISTOR
	R812	NRSA63J-101N	RESISTOR
	R813	NRSA63J-682N	RESISTOR
	R814	NRSA63J-472N	RESISTOR
	R815	NRSA63J-153N	RESISTOR
	R816	NRSA63J-103N	RESISTOR
	R820	NRSA63J-472N	RESISTOR
	R821	NRSA63J-225N	RESISTOR
	R825	NRSA63J-0R0A	RESISTOR
	R827	NRSA63J-0R0A	RESISTOR
	R828	NRSA63J-0R0A	RESISTOR
	R829	NRSA63J-471N	RESISTOR
	C802	QEF81CM-226	TANTAL CAPACITOR
	C803	NCT07CH-181A	CAPACITOR
	C804	ECEV1CV100R	E CAPACITOR
		or NEH31CM-106NZ	E CAPACITOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
IC503	BA10324F	IC
	or UPC324G2	IC
	or XRA10324F	IC
PD501	PD170V1	PHOTO DIODE
R501	NRSA63J-154N	RESISTOR
R502	NRSA63J-123N	RESISTOR
R503	NVP1301-223N	V RESISTOR,AW INDOOR B
R504	NRSA63J-563N	RESISTOR
R505	NRSA63J-183N	RESISTOR
R506	NVP1301-223N	V RESISTOR,AW INDOOR R
R507	NRSA63J-563N	RESISTOR
R508	NRSA63J-223N	RESISTOR
R509	NRSA63J-683N	RESISTOR
R511	NRSA63J-473N	RESISTOR
R512	NRSA63J-473N	RESISTOR
R513	NRSA63J-823N	RESISTOR
R514	NRSA63J-0R0A	RESISTOR
R515	NVP1301-473N	V RESISTOR,AW INDOOR R LIM
R516	NRSA63J-473N	RESISTOR
R518	NRSA63J-0R0A	RESISTOR
R519	NVP1301-473N	V RESISTOR,AW OUTDOOR R LIM
R520	NRSA63J-473N	RESISTOR
R522	QRSA08F-223YN	RESISTOR
R523	NVP1301-473N	V RESISTOR,PRESET FL B
R524	QRSA08F-513YN	RESISTOR
R525	NRSA63J-0R0A	RESISTOR
R526	QRSA08J-0R0Y	RESISTOR
R527	NVP1301-473N	V RESISTOR,OUTDOOR B
R528	QRSA08J-473YN	RESISTOR
R530	NRSA63J-0R0A	RESISTOR
R531	NVP1301-473N	V RESISTOR,AW OUTDOOR B LIM
R532	NRSA63J-473N	RESISTOR
R534	NRSA63J-0R0A	RESISTOR
R535	NVP1301-473N	V RESISTOR,AW INDOOR B LIM
R536	NRSA63J-473N	RESISTOR
R538	QRSA08F-223YN	RESISTOR
R539	NVP1301-473N	V RESISTOR,PRESET FL R
R540	QRSA08F-433YN	RESISTOR
R541	NRSA63J-0R0A	RESISTOR
R542	QRSA08F-223YN	RESISTOR
R544	QRSA08F-473YN	RESISTOR
R546	QRSA08J-0R0Y	RESISTOR
R547	NVP1301-473N	V RESISTOR,OUTDOOR R
R548	QRSA08J-473YN	RESISTOR
R550	QRSA08F-183YN	RESISTOR
R552	QRSA08F-563YN	RESISTOR
R554	NRSA63J-102N	RESISTOR
R555	NRSA63J-182N	RESISTOR
R556	NRSA63J-102N	RESISTOR
R557	NRSA63J-122N	RESISTOR
R558	NRSA63J-104N	RESISTOR
R559	NVP1301-224N	V RESISTOR,AW OUTDOOR B
R560	NRSA63J-102N	RESISTOR
R561	NRSA63J-153N	RESISTOR
R562	NRSA63J-153N	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R563	NVP1301-224N	V RESISTOR,AW OUTDOOR R
R564	NRSA63J-102N	RESISTOR
R565	NRSA63J-104N	RESISTOR
R566	NRSA63J-103N	RESISTOR
R567	NRSA63J-103N	RESISTOR
R572	NRSA63J-472N	RESISTOR
R573	NRSA63J-0R0A	RESISTOR
R574	NRSA63J-222N	RESISTOR
R575	NRSA63J-0R0A	RESISTOR
R576	NRSA63J-0R0A	RESISTOR
R581	NRSA63J-101N	RESISTOR
R582	NRSA63J-101N	RESISTOR
C502	NCB31EK-103A	CAPACITOR
C503	NEH11CM-106NZ	E CAPACITOR
C504	NCB31HK-272A	CAPACITOR
C505	NCB31HK-272A	CAPACITOR
C506	NCB31HK-272A	CAPACITOR
C507	NEH11CM-106NZ	E CAPACITOR
C508	NCB31EK-103A	CAPACITOR
C509	NEH10JM-226NZ	E CAPACITOR
C510	NEH11EM-475NZ	E CAPACITOR
C511	NEH11EM-475NZ	E CAPACITOR
C516	NCB31EK-103A	CAPACITOR
L501	PU58201-220K	COIL
	or YU40248-220KY	COIL
FIL1	YQ40394	WHITE FILTER
SLD1	YQ40395	W.B.SHIELD CASE
SLD2	YQ40396	W.B.SHIELD PLAT
CN501	YU40101-22	CAP HOUSING(BOARD TO BOARD)
CN502	YU40101-12	CAP HOUSING(BOARD TO BOARD)
CN503	YU40095-4	CAP HOUSING

CAMERA CONTROL BOARD ASSEMBLY <26>

PWBA	YB20187B-02-C	CAMERA CONTROL BOARD ASSY
IC601	UPD4011BG	IC
Q601	2SD602(Q)	TRANSISTOR
	or 2SD602(R)	TRANSISTOR
Q602	2SD602(Q)	TRANSISTOR
	or 2SD602(R)	TRANSISTOR
Q603	DTC144WK	TRANSISTOR
D601	SLN-210VC74	LE DIODE
D602	RD8.2MB2	ZENER DIODE
	or RD8.2MB3	ZENER DIODE
D603	RD8.2MB2	ZENER DIODE
	or RD8.2MB3	ZENER DIODE
R601	QRSA08J-222YN	RESISTOR
R602	QRSA08J-222YN	RESISTOR

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
R603	QRSA08J-332YN	RESISTOR
R604	QRSA08J-472YN	RESISTOR
R606	QRSA08J-0R0Y	RESISTOR
R607	QRSA08J-0R0Y	RESISTOR
R608	QRSA08J-0R0Y	RESISTOR
R609	QRSA08J-0R0Y	RESISTOR
R610	QRSA08J-0R0Y	RESISTOR
R611	QRSA08J-0R0Y	RESISTOR
R612	QRSA08J-0R0Y	RESISTOR
R613	QRSA08J-223YN	RESISTOR
R614	QRSA08J-682YN	RESISTOR
R615	QRSA08J-333YN	RESISTOR
R616	QRSA08J-223YN	RESISTOR
R617	QRSA08J-103YN	RESISTOR
R618	QRSA08J-182YN	RESISTOR
R619	QRSA08J-182YN	RESISTOR
R620	QRSA08J-152YN	RESISTOR
R621	QRSA08J-152YN	RESISTOR
R622	QRSA08J-105YN	RESISTOR
R623	QRSA08J-103YN	RESISTOR
R624	QRSA08J-103YN	RESISTOR
R625	QRSA08J-103YN	RESISTOR
R626	QRSA08J-102YN	RESISTOR
R627	QRSA08J-103YN	RESISTOR
R628	QRSA08J-470YN	RESISTOR
R629	QRSA08J-103YN	RESISTOR
R630	QRSA08J-0R0Y	RESISTOR
R631	QRSA08J-0R0Y	RESISTOR
R632	QRSA08J-0R0Y	RESISTOR
R633	QRSA08J-0R0Y	RESISTOR
R634	QRSA08J-0R0Y	RESISTOR
R635	QRSA08J-0R0Y	RESISTOR
R636	QRSA08J-0R0Y	RESISTOR
C601	QCFA1EZ-104	CAPACITOR
C602	YU40265-5	E CAPACITOR
C603	QCYA1HK-123	CAPACITOR
C604	QCYA1HK-103	CAPACITOR
C605	QER41CM-226	E CAPACITOR
C606	YU40470-104	CAPACITOR
L601	YU40601-12	COIL
CF601	YU40843	BUZZER
	or YU40844	BUZZER
SW601	YU41095-Z	TACT SWITCH
SW602	YU41095-Z	TACT SWITCH
SW603	YU41095-Z	TACT SWITCH
SW604	YU41095-Z	TACT SWITCH
SW605	YU41095-Z	TACT SWITCH
SW606	YU41095-Z	TACT SWITCH
SW607	YU41095-Z	TACT SWITCH
SW608	YU41095-Z	TACT SWITCH
SW609	YU41095-Z	TACT SWITCH
SW610	YU41095-Z	TACT SWITCH
SW611	YU41095-Z	TACT SWITCH
SW612	YU41095-Z	TACT SWITCH

⚠ REF. No.	PART No.	PART NAME, DESCRIPTION
SW613	YU41095-Z	TACT SWITCH
SW614	YU41095-Z	TACT SWITCH
SW615	YU41095-Z	TACT SWITCH
SW616	YU41095-Z	TACT SWITCH
SW617	YU41099	SLIDE SWITCH
SW618	YU40807	SLIDE SWITCH
SPC1	YU40854	SEAL,FOR BUZZER
CN-601	YU40108-10	CAP HOUSING
CN-602	YU40950-110	CAP HOUSING
CN-604	YU40095-2	CAP HOUSING
⚠ CP601	ICP-F20	CIRCUIT PROTECTOR

INDICATOR-2 BOARD ASSEMBLY <28>

PWBA	YB20077A-01-C	IND-2 BOARD ASSY
IC801	VC2081	IC
IC802	M5M5256FP	IC
	or M5M5256BFP-L	IC
	or UPD43256AGU	IC
	or M5M5256BFP-LL	IC
	or SRM20256LM	IC
	or UPD43256GU	IC
IC803	M54641FP	IC
IC804	MN12821(QR)	IC
Q801	2SA1532(BC)	TRANSISTOR
D801	MA714	DIODE
D802	MA141WA	DIODE
R801	NVP1301-222N	V RESISTOR,TITLE OSC
R802	NRSA63J-102N	RESISTOR
R803	ERT-D2FGL601S	THERMISTOR
R804	NRSA63J-151N	RESISTOR
R805	NRSA63J-104N	RESISTOR
R806	NRSA63J-104N	RESISTOR
R811	NRSA63J-101N	RESISTOR
R812	NRSA63J-101N	RESISTOR
R813	NRSA63J-682N	RESISTOR
R814	NRSA63J-472N	RESISTOR
R815	NRSA63J-153N	RESISTOR
R816	NRSA63J-103N	RESISTOR
R820	NRSA63J-472N	RESISTOR
R821	NRSA63J-225N	RESISTOR
R825	NRSA63J-0R0A	RESISTOR
R827	NRSA63J-0R0A	RESISTOR
R828	NRSA63J-0R0A	RESISTOR
R829	NRSA63J-471N	RESISTOR
C802	QEF81CM-226	TANTAL CAPACITOR
C803	NCT07CH-181A	CAPACITOR
C804	ECEV1CV100R	E CAPACITOR
	or NEH31CM-106NZ	E CAPACITOR

⚠	REF. No.	PART No.	PART NAME, DESCRIPTION
	C805	ECEV0JV220R	E CAPACITOR
		or NEH30JM-226NZ	CAPACITOR
	C806	NCR21CM-473A	CAPACITOR
	C812	NCB31HK-391A	CAPACITOR
	C813	YU40470-104	CAPACITOR
	L801	PU58201-120K	COIL
	L802	PU58201-120K	COIL
	CN801	YU40105-12	CAP HOUSING(BOARD TO BOARD)
	CN804	YU40096-4	CAP HOUSING
	CN805	YU40096-2	CAP HOSUING

SWITCH BOARD ASSEMBLY <29>

	PWBA	YB20198A-01-C	SW BOARD ASSY
	R901	QRSA08J-102YN	RESISTOR
	R902	QRSA08J-102YN	RESISTOR
	R903	QRSA08J-102YN	RESISTOR
	R904	QRSA08J-102YN	RESISTOR
	R905	QRSA08J-102YN	RESISTOR
	R906	QRSA08J-0R0Y	RESISTOR
	SW901	YU41095-Z	TACT SWITCH
	SW902	YU41095-Z	TACT SWITCH
	SW903	YU41095-Z	TACT SWITCH
	SW904	YU41095-Z	TACT SWITCH
	SW905	YU41095-Z	TACT SWITCH
	CN901	PU58654-6	CAP HOUSING

DRUM BOARD ASSEMBLY <30>

	PWBA	PDM3166	BOARD(UPPER DRUM)

END SENSER BOARD ASSEMBLY <10>

	PWBA	YB10013A7	END SENSOR BOARD ASSY
	Q801	PN268R-NC	PHOTO TRANSISTOR
	C801	QCVC1CN-103	CAPACITOR
	SPC1	YQM30029-2	SPACER

MODE SENCER BOARD ASSEMBLY <17>

	PWBA	YS30225A	MODE SENSOR BOARD ASSY
	Q1	PT431F	PHOTO TRANSISTOR
	Q2	PT431F	PHOTO TRANSISTOR
	D1	GL430	EMITTING DIODE
	D2	GL430	EMITTING DIODE
	R1	QRD161J-222	RESISTOR
	BKT1	PQ30978	MODE.S.BRACKET

E. VIEWFINDER BOARD ASSEMBLY <VF>

⚠	PWBA	YU30309-083	E.VIEWFINDER BOARD ASSY
⚠	IC01	BA7125L	IC
	Q01	2SD814R	TRANSISTOR
⚠	Q02	2SD774	TRANSISTOR
		or 2SD1312	TRANSISTOR
	D01	1SS133	DIODE
		or MA150	DIODE
		or 1SS131	DIODE
	D02	1SS252	DIODE
		or MA150	DIODE
	D03	EAR22-04	DIODE
		or ERA22-06	DIODE
	D04	1SS131	DIODE
		or MA163	DIODE
		or 1SS130	DIODE
	D05	LN28CALURS	DIODE
		or SLH-34LT3	DIODE
	D06	MA4075-M	DIODE
	R01	QRSA08J-122YN	RESISTOR
	R02	QRSA08G-333YN	RESISTOR
		or QRSA08G-363YN	RESISTOR
		or QRSA08G-393YN	RESISTOR
	R03	QRSA08J-180YN	RESISTOR
	R04	QRSA08J-563YN	RESISTOR
	R05	QRSA08J-331YN	RESISTOR
	R06	QRSA08J-103YN	RESISTOR
	R07	QRSA08J-823YN	RESISTOR
	R08	QRSA08J-682YN	RESISTOR
	R09	QRSA08J-102YN	RESISTOR
	R10	QRSA08J-102YN	RESISTOR
	R11	QRSA08J-102YN	RESISTOR
	R12	QRSA08J-102YN	RESISTOR
	R13	QRSA08J-102YN	RESISTOR
	R14	QRSA08J-102YN	RESISTOR
	R15	QRSA08J-223YN	RESISTOR
	R16	QRSA08J-471YN	RESISTOR
	R17	QRSA08J-103YN	RESISTOR
	R18	QRSA08J-682YN	RESISTOR
	R19	QRSA08J-122YN	RESISTOR
	R20	QRSA08J-105YN	RESISTOR
	R21	QRSA08J-222YN	RESISTOR
	R22	YU30309-102	RESISTOR,(820K)
	R23	YU30309-103	RESISTOR,(3.3M)
	R24	QRSA08J-105YN	RESISTOR
	R25	QRSA08J-224YN	RESISTOR
	R26	QRSA08J-392YN	RESISTOR
	R27	YU30034-155	RESISTOR,(18)
	R28	YU30309-101	RESISTOR,(1M)
	VR01	YU30034-133	V RESISTOR,H.HORD
	VR02	YU30034-135Z	V RESISTOR,HIGHT
	VR03	PU36332-147	V RESISTOR,FOCUS
	VR04	PU36332-146	V RESISTOR,BRIGHT
	C01	YU30034-102	CAPACITOR,(2200P)
	C02	PU36332-108	E CAPACITOR,(10/16)
	C03	QCYA1HK-103	CAPACITORCF3
	C04	PU36332-108	E CAPACITOR,(10/16)
	C05	QEK40JM-227	E CAPACITOR
	C06	QER41EM-336	E CAPACITOR
	C07	PU36332-109	E CAPACITOR,(1/50)
	C08	QCYA1HK-223K	CAPACITOR
	C09	QETA1AM-107	E CAPACITOR
	C10	PU36332-109	E CAPACITOR,(0.47/50)
	C11	PU36332-110	E CAPACITOR
	C12	QCYA1HK-471K	CAPACITOR
	C13	QCYA1HK-822K	CAPACITOR
	C13	ORPU36332-115	CAPACITOR
	C14	YU30034-103	CAPACITOR,(0.68/35)
	C15	QEK41AM-107	E CAPACITOR
	C16	PU36332-108	E CAPACITOR,(10/16)
	C17	PU36332-109	E CAPACITOR,(1/50)
	C18	QCSA1HJ-201Z	CAPACITOR
	C19	PU36332-108	E CAPACITOR
	C20	QETA1AM-476	E CAPACITOR
	C21	YU30309-111	CAPACITOR,(3900P/100)
		or YU30309-112	CAPACITOR,(3300P/100)
	C22	QETA1HM-475	E CAPACITOR
		or QER41HM-475	E CAPACITOR
	C23	QEK41AM-107	E CAPACITOR
	C24	PU36332-112	CAPACITOR,(1500P/1000)
		or PU36332-107	CAPACITOR
	C25	PU36332-106	CAPACITOR,(1500P/500)
		or PU36332-111	CAPACITOR
	C26	PU36332-116	CAPACITOR,(0.068)
	C27	PU36332-116	CAPACITOR,(0.068)
	C28	PU36332-113	CAPACITOR,(0.01)
	L01	YU30309-031	DEFLECTION YOKE1
	L02	YU30034-151	COIL,(100)
		or PU36332-155	COIL2
		or PU36332-154	COIL
	L03	YU30309-121	COIL
	L04	YU30034-153	COIL,(330)
		YU30034-154	COIL
⚠	T01	YU30309-032	F.B.T
	WR1	YU30034-035	V.F.CABLE ASSY
	SKT01	YU30034-153	CRT SOCKET ASSY
⚠	CP01	ICP-N10	CIRCUIT PROTECTOR
⚠	TF01	PU36332-153	THERMAL FUSE